| | | DEPARTMENT | TATE OF UTAH OF NATURAL RES OF OIL, GAS AND | | | | FOR AMENDED REPOR | | | |
|--|------------------|--|---|----------|----------------|--|-------------------------------|----------------|--|--|
| APPLI | CATION FOR | PERMIT TO DRILL | L | | | 1. WELL NAME and Prickly Pear | NUMBER Unit Federal 11A-15 | 5D-12-15 | | |
| 2. TYPE OF WORK DRILL NEW WELL | REENTER P | &A WELL DEEPE | EN WELL | | | 3. FIELD OR WILDO | CAT PRICKLY PEAR | | | |
| 4. TYPE OF WELL Gas Wo | ell Coall | bed Methane Well: NO | | | | 5. UNIT or COMMU | NITIZATION AGRE | EMENT NAME | | |
| 6. NAME OF OPERATOR | BILL BARR | RETT CORP | | | | 7. OPERATOR PHO | NE 303 312-8164 | | | |
| 8. ADDRESS OF OPERATOR 1099 18 | th Street Ste 23 | 300, Denver, CO, 80202 | | | | 9. OPERATOR E-MA | IL cer@billbarrettcorp.co | om | | |
| 10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) | | 11. MINERAL OWNE | ERSHIP DIAN () STATE (| | EE (| 12. SURFACE OWN | ERSHIP DIAN () STATE (| ☐ FEE ☐ | | |
| UTU-65773 13. NAME OF SURFACE OWNER (if box 12 | = 'fee') | | | | | 14. SURFACE OWN | | ~ ~ | | |
| 15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 16. SURFACE OWNER E-MAIL (if box 12 = 'fee') | | | | | | | | | | |
| 17 TURKAN ALLOTTES OR TRUE NAME | | 18. INTEND TO COM | MINGLE PRODUCT | TION FF | ROM | 19. SLANT | | | | |
| box 12 = 'INDIAN') MULTIPLE FORMATIONS | | | | | | | | ORIZONTAL 🛑 | | |
| 20. LOCATION OF WELL | FC | OOTAGES | QTR-QTR | SE | CTION | TOWNSHIP | RANGE | MERIDIAN | | |
| LOCATION AT SURFACE | 1360 F | SL 1192 FEL | NESE | | 15 | 12.0 S | 15.0 E | S | | |
| Top of Uppermost Producing Zone | 1868 F | SL 2109 FEL | NWSE | | 15 | 12.0 S | 15.0 E | S | | |
| At Total Depth | 2639 F | SL 2007 FWL | NESW | | 15 | 12.0 S | 15.0 E | S | | |
| 21. COUNTY CARBON | - | 22. DISTANCE TO N | EAREST LEASE LIN | IE (Feet | t) | 23. NUMBER OF AC | RES IN DRILLING | UNIT | | |
| | | 25. DISTANCE TO N (Applied For Drilling | | SAME P | OOL | 26. PROPOSED DEPTH MD: 8400 TVD: 7800 | | | | |
| 27. ELEVATION - GROUND LEVEL | | 28. BOND NUMBER | | | | 29. SOURCE OF DR WATER RIGHTS AP | | IF ADDITCARI F | | |
| 7089 | | | WYB000040 | | | WATER REGITS AF | Nine Mile Creek | AFFEICABLE | | |
| | | A | TTACHMENTS | | | | | | | |
| VERIFY THE FOLLOWING | ARE ATTACH | HED IN ACCORDAN | CE WITH THE U | тан о | IL AND | GAS CONSERVATI | ON GENERAL RU | JLES | | |
| WELL PLAT OR MAP PREPARED BY | LICENSED SUI | RVEYOR OR ENGINEE | R CON | 1PLETE | DRILLING | G PLAN | | | | |
| AFFIDAVIT OF STATUS OF SURFACE | E OWNER AGRI | EEMENT (IF FEE SURF | FACE) FOR | M 5. IF | OPERATO | R IS OTHER THAN T | HE LEASE OWNER | | | |
| DIRECTIONAL SURVEY PLAN (IF DID DRILLED) | RECTIONALLY | OR HORIZONTALLY | ТОР(| OGRAPI | HICAL MA | Р | | | | |
| NAME Tracey Fallang | | TITLE Regulatory Analy | yst | | PHONE | 303 312-8134 | | | | |
| SIGNATURE | | DATE 07/27/2010 | | | EMAIL t | fallang@billbarrettcorp | o.com | | | |
| API NUMBER ASSIGNED 43007500490000 | | APPROVAL | | | Bo | acqill | | | | |
| | | | | | Per | mit Manager | | | | |

| | | Proposed Hole, Ca | sing, and Cement | | |
|--------|-----------|--------------------|------------------|-------------|--|
| String | Hole Size | Casing Size | Top (MD) | Bottom (MD) | |
| Cond | 26 | 16 | 0 | 40 | |
| Pipe | Grade | Length | Weight | | |
| | Unknown | 90 | 65.0 | | |
| | | | | | |

| | Prop | osed Hole, Casing, a | nd Cement | | |
|--------|-----------------|----------------------|-----------|-------------|--|
| String | Hole Size | Casing Size | Top (MD) | Bottom (MD) | |
| Prod | 8.75 | 4.5 | 0 | 8400 | |
| Pipe | Grade | Grade Length | | | |
| | Grade N-80 LT&C | 8400 | 11.6 | | |
| | | | | | |

| | Prop | oosed Hole, Casing, a | and Cement | | |
|--------|-----------------|-----------------------|------------|-------------|---|
| String | Hole Size | Casing Size | Top (MD) | Bottom (MD) | |
| Surf | 12.25 | 9.625 | 0 | 1000 | |
| Pipe | Grade | Length | Weight | | |
| | Grade J-55 ST&C | 1000 | 36.0 | | П |
| | | | | | П |

T12S, R15E, S.L.B.&M. BILL BARRETT CORPORATION Well location, PRICKLY PEAR UNIT FEDERAL #11A-15D-12-15. located as shown in the NE 1/4 SE 1/4 of Section 15, T12S, R15E, S.L.B.&M., S89"50'10"W - 2641.05' (Meas.) N8972'23"W - 2630.18' (Meas.) Carbon County, Utah. 1909 Brass Cap. 1909 Brass Cap. 1909 Bruss Cap. 1.3' High, Pile of 0.8' High BASIS OF ELEVATION 1.4' High, Pile of Stones Stones COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M. TAKEN FROM THE DISTANCE TABLE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 FROM BEARING DISTANCE MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL #11A-150-12-15 #11-15D-12-15 \$47"43"13"W 2863.48 SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET. #11A-150-12-15 #5-220-12-15 S47'34'00"W 2849,54 #11A-150-12-15 #7-220-12-15 S47'24'39"W 2835.46 BASIS OF BEARINGS #11A-150-12-15 #3-22D-12-15 S4774'51"W 2821.98 M1A-150-12-15 #4-220-12-15 S41'41'41"W 2801.20 BASIS OF BEARINGS IS A G.P.S. OBSERVATION. #11A-150-12-15 #13-150-12-15 S41"29"45"W 2788.72 #11A-15D-12-15 #8-22D-12-15 S4177'32"W 2775.47 #11A-15D-12-15 #14-15D-12-15 \$41'05'40"W 2762.79 1909 Brass Cap, 0.4' High 2007 Bottom Hole 2661.91 SCALE 1192 CERTIFICATE THIS IS TO CERTIFY THAT THE ABOVE PART WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MARE BY ME OR UNDER MY PRICKLY PEAR UNIT SUPERVISION AND THAT THE SAME ARE TRUE AND CARREST TO TO FEDERAL #11A-15D-12-15 BEST OF MY KNOWLEDGE AND BELIEF Elev. Ungraded Ground = 7089' REGISTERED LAND SURVEYOR REGISTRIGION NO. 161319 STATE OF WIAHTE OF UTP Вгозз Сар S89'46'47"W - 2657.64' (Meas.) 589'43'22"W - 2642.92' (Meas.) 1909 Bruss Cap, 1909 Bross Cap. UINTAH ENGINEERING & LAND SURVEYING 1.4' High, Pile of Stones, Steel Post 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017 LEGEND: SCALE DATE SURVEYED: NAD 83 (TARGET BOTTOM HOLE) NAD 83 (SURFACE LOCATION) DATE DRAWN: LATITUDE = 39'46'25.25" (39.773681) LATITUDE = 39'46'12.72" (39.770200) LONGTUDE = 110'13'31.63" (110.225453) LONGTUDE = 110'13'04.58" (110.217939) PARTY 1" = 100005-17-10 06-08-10 = 90° SYMBOL REFERENCES NAD 27 (TARGET BOTTOM HOLE) NAD 27 (SURFACE LOCATION D.R. C.C. K.A. G.L.O. PLAT PROPOSED WELL HEAD. LATITUDE = 39'46'25.37" (39.773714) LATITUDE = 39'46'12.85" (39.770238) LONGITUDE = 11073'29.07" (110.224742) LONGITUDE = 11073'02.02" (110.217228) WEATHER FILE = SECTION CORNERS LOCATED WARM BILL BARRETT CORPORATION



| | CASING DETA | u s | _ |
|---------|-------------|-------|-------|
| TVD | MD | Name | Stra |
| 1435.51 | 1600.00 | 9 6/8 | 9-6/8 |

Maunetic North: 11.48 Magnetic Field trength: 52152.0enT Dip Angle: 65.58* Dete: 7/25/2010 Model: BGGM2010

Sat Bad 300 750 7 6/8 1500 - - - - Start 3195 42 hold at 1676 63 km 2250 WASATCH 3000 a Vertical Depth (1500 N/m) 2025 2026 2027 Start Drop -2.00 True MEDRITH HESPON 5250 Start 1740,00 had at 6464 77 M 6000 DARK CANYON 6750 PRICE RIVER 7500 750 1500 2250 Vertical Section at 300.96° (1500 fl/in)

'APIWellNo·43007500490000'

Project: CARBON COUNTY, UT (NAD 27)
Site: PRICKLY PEAR SE 15-12-15 PAD
Well: PRICKLY PEAR 11A-15D-12-15
Wellbors: PRICKLY PEAR 11A-15D-12-15
Design: Design #1
Latitude: 39° 46' 12.850 N
Longitude: 110° 13' 2.020 W
GL: 7088.40
KB: WELL @ 7110.40ft (Original Well Elev)
RIG: Original Well Elev



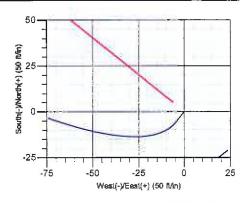
| WELL DÉTAILS: PRICKLY PEAR 11A-15D-12-15 | | | | | | | | | | |
|--|---------------|-----------------------|--|---|-------------------------------|------|--|--|--|--|
| +# !/-8 0.00 | +€/-₩ 0.00 | Northing 525042,47 | Ground Level: Easting 2360547.76 | 7055.40 Latitude 39° 48° 12.850 N | Longitude 110° 13° 2.020 W | Slot | | | | |

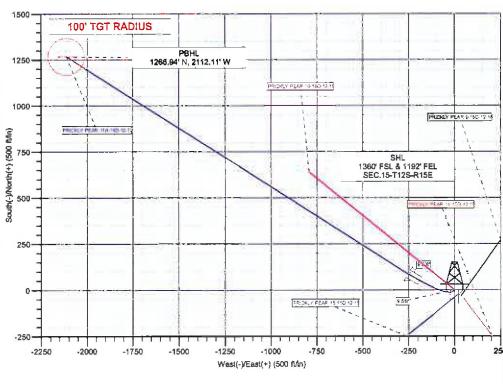
| WELLBORE TARGET DETAILS (LAT/LONG) | | | | | | | | | | |
|------------------------------------|---------|---------|----------|------------------|-------------------|-------------------------|--|--|--|--|
| Name | TVD | +N/-S | +E/-W | Letituda | Langitude | Shape | | | | |
| PBHL PRICKLY PEAR 11A-150-12-15 | 7578.00 | 1266.94 | -2112.11 | 39° 46° 25.370 N | 110° 13° 29.070 W | Circle (Radius: 100,00) | | | | |

| SECTION DETAILS | | | | | | | | | | | |
|-----------------|-------|---------|---------|---------|----------|------|--------|---------|----------------------------------|--|--|
| MD | tne | Azi | TVD | +141-8 | +E/-W | DLag | TFece | VSec | Annabilian | | |
| 0,00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 250.00 | 0,00 | 0.00 | 250.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0,00 | Start Bulld 3.00 | | |
| 410.67 | 5.00 | 219.00 | 416.46 | -6.65 | 4.57 | 3.00 | 219.00 | 1.02 | Start DLS 2.50 TFO 91,54 | | |
| 1679.63 | 31.79 | 202.43 | 1612.65 | 123,54 | -328.26 | 2.50 | 91.54 | 330.20 | Start 3195.43 hold at 1879.65 MD | | |
| 4875.06 | 31.79 | 302, 43 | 4328.62 | 1038,41 | -1749.27 | 0.00 | 0.00 | 2033.22 | Start Drop -2.00 | | |
| 8464.77 | 0.00 | 0.00 | 5838.00 | 1254.84 | -2112.11 | 2.00 | 180,00 | 2452.95 | Start 1740.00 hold at 6484.77 MD | | |
| 8204.77 | 0.00 | 0.00 | 7578.00 | 1266.94 | -2112.11 | 0.00 | 0.00 | 2462.95 | TD at 8204.77 | | |

| TVDPath | MOPath | Formation | |
|----------|---------|-------------|--|
| 2738.00 | 2003,61 | WASATCH | |
| 4738.00 | 5335.77 | NORTH HORN | |
| 6.503,00 | 7134.77 | DARK CANYON | |
| 6813.00 | 7439.77 | PRICE RIVER | |

- PRODUCT PLAN SHAD-13-IL PRODUCT PLAN SHAD-13-IL Design IT W PRODUCT PLAN ISHAD-13-IL PRODUCT PLAN ISHAD-13-IL Design IT W PRODUCT PLAN ISHAD-13-IL PRODUCT PLAN ISHAD-13-IL Design IT W PRODUCT PLAN ISHAD-13-IL PRODUCT PLAN ISHAD-13-IL Design IT W Consign IT





Plan: Design #1 (PRICKLY PEAR 11A-15D-12-15/PRICKLY PEAR 11A-15D-12-15)

Created By: TRACY WILLIAMS Date:

15:18, July 28 2010



Planning Report



Database: Company: Project:

Site:

Well: Wellbore: EDM 2003.21 Single User Db

BILL BARRETT CORP

CARBON COUNTY, UT (NAD 27) PRICKLY PEAR SE 15-12-15 PAD PRICKLY PEAR 11A-15D-12-15

PRICKLY PEAR 11A-15D-12-15

Design #1 Design:

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well PRICKLY PEAR 11A-15D-12-15 WELL @ 7110.40ft (Original Well Elev)

WELL @ 7110.40ft (Original Well Elev)

Тпие

Minimum Curvature

Project

CARBON COUNTY, UT (NAD 27)

Map System: Geo Datum:

US State Plane 1927 (Exact solution) NAD 1927 (NADCON CONUS)

Utah Central 4302 Map Zone:

System Datum:

Mean Sea Level

Using geodelic scale factor

Site

PRICKLY PEAR SE 15-12-15 PAD

Site Position: From: Lat/Long

Northing: Easting:

525,900.67 ft 2,360,595.99 ft Latitude: Longitude:

39° 46' 12,430 N 110° 13' 1.410 W

Position Uncertainty:

0.00 ft

Slot Radius:

Grid Convergence:

0.82 *

Well

PRICKLY PEAR 11A-15D-12-15

Well Position +N/-S +E/-W

42.48 ft -47.63 ft Northing: Easting:

525,942,47 ft 2,360,547.76 ft Latitude: Longitude: 39° 46' 12.850 N 110° 13' 2.020 W

Position Uncertainty

0.00 ft

Wellhead Elevation:

Ground Level:

65.58

7,088.40 ft

Wellbore

PRICKLY PEAR 11A-15D-12-15

Magnetics **Model Name** BGGM2010

Design #1

Sample Date

7/26/2010

Declination (°) 11.48 Dip Angle (°)

Field Strength (nT)

52,152

Design

Audit Notes:

Version:

Phase:

PLAN

Tie On Depth:

0.00

Vertical Section:

Depth From (TVD) (ft)

0.00

+N/-S (ft) 0.00

+E/-W (ft) 0.00

Direction (") 300.96

Plan Sections

Measured Vertical Dogleg Build Turn Azimuth Depth +N/-S +E/-W Rate Rate Inclination Rate TFO Depth ("/100ft) (ft) (°) (°) (ft) (ft) (ft) ("/100ft) ("/100ft) (*) Target 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 250.00 0.00 0.00 0.00 0,00 0.00 0.00 250.00 5.00 219.00 416.46 -5.65 -4.57 3.00 3.00 0.00 219.00 416.67 31.79 302.43 1,612.68 133.54 -328.26 2.50 2.12 6.61 91.54 1,679.63 4.875.06 31.79 302.43 4,328.62 1,036.41 -1,749.27 0.00 0.00 0.00 0.00 0.00 0.00 1,266.94 -2,112.11 2.00 -2,00 0.00 180.00 6.464.77 5,838.00 8,204.77 0.00 0.00 7.578.00 1,266,94 -2,112.110.00 0.00 0.00 0.00 PBHL PRICKLY PE



Planning Report



Database: Company: Project:

Wellbore:

Site:

Well:

EDM 2003.21 Single User Db

BILL BARRETT CORP

CARBON COUNTY, UT (NAD 27) PRICKLY PEAR SE 15-12-15 PAD PRICKLY PEAR 11A-15D-12-15

PRICKLY PEAR 11A-15D-12-15

Design: Design #1

Local Co-ordinate Reference: TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Well PRICKLY PEAR 11A-15D-12-15 WELL @ 7110.40ft (Original Well Elev) WELL @ 7110.40ft (Original Well Elev)

True Minimum Curvature

| nned Survey | | | | | | | | | |
|--|----------------------------------|--------------------------------------|--|--------------------------------------|--|--|------------------------------|------------------------------|------------------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (*/100ft) | Build Rate (*/100ft) | Turn Rate (*/100ft) |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 0.00 | 0.00 | 200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Start Build 250.00 | | 0.00 | 250.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 300.00 | 1.50 | 219.00 | 299.99 | -0.51 | -0.41 | 0.09 | 3.00 | 3.00 | 00,0 |
| 400.00 | 4.50 | 219.00 | 399.85 | -4.58 | -3.71 | 0.82 | 3.00 | 3.00 | |
| Start DLS | 2.50 TFO 91.54 | 4 | | | | | | | |
| 416.67 | 5.00 | 219.00 | 416.46 | -5.65 | -4.57 | 1.02 | 3.00 | 3.00 | 0.00 |
| 500.00 | 5.36 | 241.88 | 499.46 | -10.31 | -10.29 | 3.53 | 2.50 | 0.44 | 27.45 |
| 600.00 | 6.69 | 262.31 | 598.91 | -13.29 | -20.19 | 10.48 | 2.50 | 1.32 | 20.43 |
| 700.00 | 8.55 | 274.98 | 698.03 | -13.42 | -33.37 | 21.71 | 2.50 | 1.86 | 12.68 |
| 800.00 | 10.68 | 282.91 | 796.63 | -10.71 | -49.81 | 37.21 | 2.50 | 2.13 | 7.93 |
| 900.00 | 12.94 | 288.16 | 894.51 | -5.15 | -69.48 | 56.94 | 2.50 | 2.26 | 5.26 |
| 1,000.00 | 15.27 | 291.86 | 991.49 | 3.25 | -92.35 | 80.86 | 2.50 | 2.33 | 3.69 |
| 1,100.00 | 17.65 | 294.59 | 1,087.38 | 14.46 | -118.36 | 108.94 | 2.50 | 2.38 | 2.73 |
| 1,200.00 | 20.06 | 296.68 | 1,162.01 | 28.47 | -147.47 | 141.11 | 2.50 | 2.41 | 2.09 |
| 1,300.00 | 22,48 | 298.34 | 1,275.19 | 45.25 | -179.63 | 177.31 | 2.50 | 2.43 | 1.66 |
| 1,400.00 | 24.92 | 299.69 | 1,366.75 | 64.77 | -214.76 | 217.49 | 2.50 | 2.44 | 1.35 |
| 9 5/8" 1,500.00 1,600.00 | 27.37 29.83 | 300.82 301.77 | 1,456.51 1,544.30 | 86.99 111.86 | -252.82 -293.72 | 261.55 309.42 | 2.50 2.50 | 2.45 2.46 | 1.12 0.95 |
| Start 3195 1,679.63 | .43 hold at 167 31.79 | 9.63 MD 302.43 | 1,612.68 | 133.54 | -328.26 | 350.20 | 2.50 | 2.46 | 0.83 |
| 1,700.00 | 31.79 | 302.43 | 1,630.00 | 139.30 | -337.32 | 360.93 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 31.79 | 302.43 | 1,714.99 | 167.56 | -381.79 | 413.60 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 31.79 | 302.43 | 1,799.99 | 195.81 | -426.26 | 466.27 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 31.79 | 302.43 | 1,884.98 | 224.06 | -470.73 | 518.94 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 31.79 | 302.43 | 1,969.98 | 252.32 | -515.20 | 571.61 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 31.79 | 302.43 | 2,054.97 | 280.57 | -559.67 | 624.27 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 31.79 | 302.43 | 2,139.97 | 308.83 | -604.14 | 676.94 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 31.79 | 302.43 | 2,224.96 | 337.08 | -648.61 | 729.61 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 31.79 | 302.43 | 2,309.96 | 365.34 | -693.08 | 782.28 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 31.79 | 302.43 | 2,394.95 | 393.59 | -737.55 | 834.95 | 0.00 | 0.00 | 0.00 |
| 2,700.00 2,800.00 2,900.00 3,000.00 WASATC | 31.79 31.79 31.79 31.79 | 302.43 302.43 302.43 302.43 | 2,479.94 2,564.94 2,649.93 2,734.93 | 421.85 450.10 478.36 506.61 | -782.02 -826.49 -870.96 -915.43 | 887.62 940.29 992.96 1,045.63 | 0.00 0.00 0.00 0.00 | 0.00 0.00 0.00 0.00 | 0.00 0.00 0.00 0.00 |
| 3,003.61 | 31.79 | 302.43 | 2,738.00 | 507.63 | -917.04 | 1,047.54 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 31.79 | 302.43 | 2,819.92 | 534.87 | -959.90 | 1,098.30 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 31.79 | 302.43 | 2,904.92 | 563.12 | -1,004.37 | 1,150.97 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 31.79 | 302.43 | 2,989.91 | 591.38 | -1,048.84 | 1,203.64 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 31.79 | 302.43 | 3,074.91 | 619.63 | -1,093.31 | 1,256.31 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 31.79 | 302.43 | 3,159.90 | 647.89 | -1,137.78 | 1,308.98 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 31.79 | 302.43 | 3,244.90 | 676.14 | -1,182.25 | 1,361.65 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 31.79 | 302.43 | 3,329.89 | 704.40 | -1,226.72 | 1,414.32 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 31.79 | 302.43 | 3,414.88 | 732.65 | -1,271.19 | 1,466.99 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 31.79 | 302.43 | 3,499.88 | 760.91 | -1,315.66 | 1,519.66 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 31.79 | 302.43 | 3,584.87 | 789.16 | -1,360.13 | 1,572.33 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 31.79 | 302.43 | 3,669.87 | 817.42 | -1,404.60 | 1,625.00 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 31.79 | 302.43 | 3,754.86 | 845.67 | -1,449.07 | 1,677.67 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 31.79 | 302.43 | 3,839.86 | 873.93 | -1,493.54 | 1,730.34 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 31.79 | 302.43 | 3,924.85 | 902.18 | -1,538.01 | 1,783.01 | 0.00 | 0.00 | 0.00 |

'APIWellNo:43007500490000'



Planning Report



Database: Company: Project:

Site:

EDM 2003.21 Single User Db

BILL BARRETT CORP

CARBON COUNTY, UT (NAD 27) PRICKLY PEAR SE 15-12-15 PAD PRICKLY PEAR 11A-15D-12-15

 Well:
 PRICKLY PEAR 11A-15D-12-15

 Wellbore:
 PRICKLY PEAR 11A-15D-12-15

Design: Design #1

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Well PRICKLY PEAR 11A-15D-12-15 WELL @ 7110.40ft (Original Well Elev) WELL @ 7110.40ft (Original Well Elev)

True

Minimum Curvature

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (*/100ft) | Build Rate (*/100ft) | Turn Rate ("/100ft) |
|----------------------------------|----------------------------------|----------------------------|----------------------------------|----------------------------------|--|----------------------------------|------------------------------|----------------------------------|------------------------------|
| 4,500.00 | 31.79 | 302.43 | 4,009.85 | 930.43 | -1,582.48 | 1,835.68 | 0.00 | 0,00 | 0,00 |
| 4,600.00 4,700.00 4,800.00 | 31.79 31.79 31.79 | 302.43 302.43 302.43 | 4,094.84 4,179.84 4,264.83 | 958.69 986.94 1,015.20 | -1,626.95 -1,671.42 -1,715.89 | 1,888.35 1,941.02 1,993.68 | 0.00 0.00 0.00 | 0.00 0.00 0.00 | 0.00 0.00 0.00 |
| Start Drop | | 302.43 | 4,204.63 | 1,015.20 | -1,710.09 | 1,993.00 | 0.00 | 0.00 | 0.00 |
| 4,875.06 4,900.00 | 31.79 31.30 | 302.43 302.43 | 4,328.62 4,349.88 | 1,036.41 1,043.40 | -1,749.27 -1,760.29 | 2,033.22 2,046.26 | 0.00 2.00 | 0.00 -2.00 | 0.00 |
| 5,000.00 5,100.00 5,200.00 | 29.30 27.30 25.30 | 302.43 302.43 302.43 | 4,436.22 4,524.27 4,613.92 | 1,070.46 1,095.87 1,119.63 | -1,802.86 -1,842.87 -1,880.26 | 2,096.69 2,144.07 2,188.36 | 2.00 2.00 2.00 | -2.00 -2.00 -2.00 | 0.00 0.00 0.00 |
| 5,300.00 | 23.30 | 302.43 | 4,705.06 | 1,141.69 | -1,914.98 | 2,229.48 | 2.00 | -2.00 | 0.00 |
| NORTH HO | | | | | | | | | |
| 5,335.77 | 22.58 | 302.43 | 4,738.00 | 1,149.17 | -1,926.75 | 2,243,42 | 2.00 | -2.00 | 0.00 |
| 5,400.00 5,500.00 5,600.00 | 21,30 19.30 17.30 15.30 | 302.43 302.43 302.43 | 4,797.57 4,891.36 4,986.30 | 1,162.04 1,180.64 1,197.47 | -1,947.00 -1,976.28 -2,002.77 -2,026.46 | 2,267.41 2,302.08 2,333.46 | 2.00 2.00 2.00 2.00 | -2.00 -2.00 -2.00 -2.00 | 0.00 0.00 0.00 0.00 |
| 5,700.00 5,800.00 | 13.30 | 302.43 302.43 | 5,082.28 5,179.18 | 1,212.52 1,225.76 | -2,026.46 -2,047.30 | 2,361.51 2,386.19 | 2.00 | -2.00 | 0.00 |
| 5,900.00 6,000.00 | 11,30 9.30 | 302.43 302.43 | 5,276.88 5,375.26 | 1,237.18 1,246.76 | -2,065.27 -2,080.35 | 2,407.48 2,425.34 | 2.00 2.00 | -2.00 -2.00 | 0.00 |
| 6,100.00 6,200.00 6,300.00 | 7.30 5.30 3.30 | 302.43 302.43 302.43 | 5,474.21 5,573.61 5,673.32 | 1,254.50 1,260.38 1,264.40 | -2,092.53 -2,101.79 -2,108.11 | 2,439.77 2,450.73 2,458.21 | 2.00 2.00 2.00 | -2.00 -2.00 -2.00 | 0.00 0.00 0.00 |
| 6,400.00 | 1.30 | 302.43 | 5,773.23 | 1,266.55 | -2,111.49 | 2,462.22 | 2,00 | -2.00 | 0.00 |
| | 00 hold at 646 | | | | | | | | |
| 6,464.77 6,500.00 6,600.00 | 0.00 0.00 0.00 | 0.00 0.00 0.00 | 5,838.00 5,873.23 5,973.23 | 1,266.94 1,266.94 1,266.94 | -2,112.11 -2,112.11 -2,112.11 | 2,462.95 2,462.95 2,462.95 | 2.00 0.00 0.00 | -2.00 0.00 0.00 | 0.00 0.00 0.00 |
| 6,700.00 | 0.00 | 0.00 | 6,073.23 | 1,266.94 | -2,112.11 | 2,462.95 | 0.00 | 0.00 | 0.00 |
| 6,800.00 6,900.00 7,000.00 | 0.00 0.00 0.00 | 0.00 0.00 0.00 | 6,173.23 6,273.23 6,373.23 | 1,266.94 1,266.94 1,266.94 | -2,112.11 -2,112.11 -2,112.11 | 2,462.95 2,462.95 2,462.95 | 0.00 0.00 0.00 | 0.00 0.00 0.00 | 0.00 0.00 0.00 |
| 7,100.00 | 0.00 | 0.00 | 6,473.23 | 1,266.94 | -2,112.11 | 2,462.95 | 0.00 | 0.00 | 0.00 |
| 7,134.77 | 0.00 | 0.00 | 6,508.00 | 1,266.94 | -2,112.11 | 2,462.95 | 0.00 | 0.00 | 0.00 |
| 7,200.00 7,300.00 | 0.00 | 0.00 0.00 | 6,573.23 6,673.23 | 1,266.94 1,266.94 | -2,112.11 -2,112.11 | 2,462.95 2,462.95 | 0.00 | 0.00 | 0.00 0.00 |
| 7,400.00 | 0.00 | 0.00 | 6,773.23 | 1,266.94 | -2,112.11 | 2,462.95 | 0.00 | 0.00 | 0.00 |
| 7,439,77 | 0.00 | 0.00 | 6,813.00 | 1,266.94 | -2,112,11 | 2,462,95 | 0.00 | 0.00 | 0.00 |
| 7,500.00 | 0.00 | 0.00 | 6,873.23 | 1,266.94 | -2,112.11 -2,112.11 | 2,462,95 | 0.00 | 0.00 | 0.00 |
| 7,600.00 | 0.00 | 0.00 | 6,973.23 | 1,266.94 | -2,112.11 | 2,462.95 | 0.00 | 0.00 | 0.00 |
| 7,700.00 7,800.00 7,900.00 | 0.00 0.00 0.00 | 0.00 0.00 0.00 | 7,073.23 7,173.23 7,273.23 | 1,266.94 1,266.94 1,266.94 | -2,112.11 -2,112.11 -2,112.11 | 2,462.95 2,462.95 2,462.95 | 0.00 0.00 0.00 | 0.00 0.00 0.00 | 0.00 0.00 0.00 |
| 8,000.00 | 0.00 | 0.00 | 7,373.23 | 1,266.94 | -2,112.11 | 2,462.95 | 0.00 | 0.00 | 0.00 |
| 8,100.00 | 0.00 | 0.00 | 7,473.23 | 1,266.94 | -2,112.11 | 2,462.95 | 0.00 | 0.00 | 0.00 |
| TD at 8204 8,204.77 | .77 - PBHL PR 0.00 | RICKLY PEAR 0.00 | 11A-15D-12-1 7,578.00 | 1,266.94 | -2,112.11 | 2,462.95 | 0.00 | 0.00 | 0.00 |



Planning Report



Database: Company: Project:

Site:

EDM 2003.21 Single User Db BILL BARRETT CORP

CARBON COUNTY, UT (NAD 27) PRICKLY PEAR SE 15-12-15 PAD PRICKLY PEAR 11A-15D-12-15

Well: Wellbore: PRICKLY PEAR 11A-15D-12-15

Design: Design #1 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Well PRICKLY PEAR 11A-15D-12-15 WELL @ 7110.40ft (Original Well Elev) WELL @ 7110.40ft (Original Well Elev)

True

Minimum Curvature

| Design Targets | | | | | | | | | |
|---|------------------|----------|-------------|---------------|---------------|------------------|-----------------|------------------|-------------------|
| Target Name - hit/miss target - Shape | Dip Angle (") | Dip Dir. | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
| PBHL PRICKLY PEA - plan hits target - Circle (radius 10 | center | 0.00 | 7,578.00 | 1,266.94 | -2,112.11 | 527,178.86 | 2,358,417.92 | 39° 46′ 25.370 N | 110° 13' 29.070 V |

| Casing Points | | | | | | |
|---------------|---------------------------|---------------------------|--------|------|---------------------------------------|--|
| | Measured Depth (ft) | Vertical Depth (ft) | | Name | Casing Hole Diameter Diameter (") (") | |
| | 1,500.00 | 1,456.51 | 9 5/8" | | 9-5/8 12-1/4 | |

| ormations | | | | | | |
|-----------|---------------------------|---------------------------|-------------|-----------|------------|-------------------------|
| | Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (") |
| | 3,003.61 | 2,738.00 | WASATCH | | 0.00 | |
| | 5,335.77 | 4,738.00 | NORTH HORN | | 0.00 | |
| | 7,134.77 | 6,508.00 | DARK CANYON | | 0.00 | |
| | 7,439.77 | 6,813.00 | PRICE RIVER | | 0.00 | |

| Plan Annotations | | a a N | 8 18 | 4 | | |
|------------------|------------------------|---------------------------|---------------|---------------|----------------------------------|--|
| D | isured epth (ft) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Comment | |
| | 250.00 | 250.00 | 0.00 | 0.00 | Start Build 3.00 | |
| | 416.67 | 416.46 | -5.65 | -4.57 | Start DLS 2.50 TFO 91.54 | |
| 1. | 679.63 | 1,612.68 | 133.54 | -328.26 | Start 3195,43 hold at 1679,63 MD | |
| 4. | 875.06 | 4,328.62 | 1,036.41 | -1,749.27 | Start Drop -2.00 | |
| 6. | 464.77 | 5,838,00 | 1,266,94 | -2,112.11 | Start 1740,00 hold at 6464,77 MD | |
| | 204.77 | 7,578.00 | 1,266.94 | -2,112.11 | TD at 8204.77 | |

'APIWellNo:43007500490000'

DRILLING PROGRAM

BILL BARRETT CORPORATION Prickly Pear Unit Federal 11A-15D-12-15

NESE, 1360' FSL, 1192' FEL, Sec. 15, T12S-R15E (surface hole) NESW, 2639' FSL, 2007' FWL, Sec. 15, T12S-R15E (bottom hole) Carbon County, Utah

1-2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

| <u>Formation</u> | Depth – MD | Depth – TVD |
|------------------|------------|-------------|
| Green River | Surface | Surface |
| Wasatch | 3004* | 2738'* |
| North Horn | 5336'* | 4738'* |
| Dark Canyon | 7135'* | 6508'* |
| Price River | 7440'* | 6813'* |
| TD | 8400'* | 7800'* |

PROSPECTIVE PAY: *Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas. Any shallow water zones encountered will be adequately protected and reported. All potentially productive hydrocarbon zones will be cemented off.

3. BOP and Pressure Containment Data

| Depth Intervals | BOP Equipment | | | | | | |
|--|--|--|--|--|--|--|--|
| 0 - 1000 | No pressure control required | | | | | | |
| 1000' – TD | 11" 3000# Ram Type BOP | | | | | | |
| | 11" 3000# Annular BOP | | | | | | |
| - Drilling spool to a | - Drilling spool to accommodate choke and kill lines; | | | | | | |
| | - Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2; | | | | | | |
| - The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in | | | | | | | |
| advance of all BOP pressure tests. | | | | | | | |
| - BOP hand wheels | may be underneath the sub-structure of the rig if the drilling rig used is set up | | | | | | |
| to operate most ef | ficiently in this manner. | | | | | | |

Bill Barrett Corporation Drilling Program Prickly Pear Unit Federal 11A-15D-12-15 Carbon County, Utah

4. Casing Program

| Hole Size | Setting Depth | | Casing | Casing | Casing | Thread | Condition |
|------------|---------------|-----------|-------------|--------|----------|--------|-----------|
| | From | <u>To</u> | <u>Size</u> | Weight | Grade | | |
| 26" | Surface | 40' | 16" | 65# | | | |
| 12 1/4" | Surface | 1000' | 9 5/8" | 36# | Jor K 55 | ST&C | New |
| 8 3/4" and | Surface | 8400' | 5 ½" | 17.0# | I-100 | LT&C | New |
| 7 7/8" | | | 4 1/2" | 11.6# | N -80 | LT&C | New |

Note: BBC will use one of the options of production casing size noted above. Casing grade for each option could be I-100, P-110 or I-80. In addition, the 7 7/8" hole size will begin at the point the bit is changed.

5. Cementing Program

| 16" Conductor Casing | Grout cement |
|------------------------------------|---|
| 9 5/8" Surface Casing | Lead with approximately 170 sx Varicem cement + additives mixed at 12.0 ppg (yield = 2.53 ft ³ /sx). |
| | Tail with approximately and 190 sx Halcem cement with additives mixed at 15.8 ppg (yield = 1.16 ft ³ /sx) circulated to surface with 100% excess. |
| 5 ½" Production Casing | Lead with approximately 320 sx (4 ½" csg) or 260 sx (5 ½" csg) of Halliburton Light Premium cement with additives |
| OR | mixed at 12.5 ppg (yield = $1.96 \text{ ft}^3/\text{sx}$). |
| 4 ½" Production Casing | Tail with approximately 1440 sx (4 ½" csg) or 1190 sx (5 ½" csg) of 50/50 Poz cement + additives mixed at 13.4 ppg (yield = 1.45 ft ³ /sk), circulated to ~800' with 15% excess. |
| Note: Actual volumes to be calcula | ted from caliper log. |

6. Mud Program

| Interval | Weight | Viscosity | Fluid Loss | Remarks |
|-------------|-----------|-----------|----------------|-----------------|
| 0 – 40' | 8.3 – 8.6 | 27 – 40 | (API filtrate) | Native Spud Mud |
| 40' - 1000' | 8.3 – 8.6 | 27 – 40 | 15 cc or less | Native/Gel/Lime |
| 1000' - TD | 8.6 – 9.5 | 38 – 46 | 15 cc or less | LSND/DAP |

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

7. Testing, Logging and Core Programs

| Cores | None anticipated; |
|----------|--|
| Testing | None anticipated; |
| Sampling | 30' to 50' samples; surface casing to TD. Preserve samples all show intervals; |
| Surveys | Run every 1000' and on trips, slope only; |
| Logging | DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface. |

Bill Barrett Corporation Drilling Program Prickly Pear Unit Federal 11A-15D-12-15 Carbon County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3853 psi* and maximum anticipated surface pressure equals approximately 2137 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = $A - (0.22 \times TD)$

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

10. **Drilling Schedule**

Location Construction:

n:

September 7, 2010 September 27, 2010

Spud: Duration:

10 days drilling time

30 days completion time

APIWellNo:43007500490000'

Other -Onshore Variances Requested

Use of EFM and Flow Conditioner (Onshore Order No. 5)

Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application.

Use of a flow conditioner is also being requested (versus straightening vanes). Flow conditioners have been proven to be as or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR

24" minimum up to 3 1/2' long x 3" (ID 3.068)

Air Drilling (Onshore Order No. 2)

Air drilling operations will be conducted with the purpose of drilling and setting surface casing with a truck mounted air rig, for all Federal wells located at this pad. Surface casing is approximately 1000'. Bill Barrett Corporation will comply with the following surface air drilling operation requirements:

- 1. Properly lubricated and maintained diverter system in place of a rotating head. The diverter system forces air and cutting returns to the cuttings pit and is used solely to drill the surface hole. In addition, BBC will use a properly lubricated and maintained rotating head in compliance with OOG No. 2.
- 2. The Blooje line will discharge at least 100 feet from the wellbore and will be securely anchored.
- 3. An automatic igniter or continuous pilot light will be installed at the end of the blooie line.
- 4. Compressors that supply energy to drill the air filled surface hole will be located 100' away from the wellbore and on the opposite side of the blooie line. The compressors will be equipped with 1) emergency kill switch, 2) pressure relief valves 3) spark arresters on the motors.

'APIWellNo:43007500490000'

PRESSURE CONTROL EQUIPMENT - Schematic Attached

- A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:
 - 1. One (1) blind ram (above).
 - One (1) pipe ram (below).
 - 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
 - 4. 3-inch diameter choke line.
 - 5. Two (2) choke line valves (3-inch minimum).
 - 6. Kill line (2-inch minimum).
 - 7. Two (2) chokes.
 - 8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
 - 9. Upper kelly cock valve with handles available.
 - 10. Safety valve(s) & subs to fit all drill string connections in use.
 - 11. Pressure gauge on choke manifold.
 - 12. Fill-up line above the uppermost preventer.
- B. Pressure Rating: 3,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yieldstrength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirments of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the Onshore Oil & Gas Order Number 2.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Oil & Gas Order Number 2. The choke manifold will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

NINE MILE CEMENT VOLUMES

Well Name: Prickly Pear Unit Federal 11A-15D-12-15

Surface Hole Data:

| Total Depth: | 1,000° |
|----------------|--------|
| Top of Cement: | 0, |
| OD of Hole: | 12.250 |
| OD of Casing: | 9.625 |

Calculated Data:

| Lead Volume: | 203.6 | ft ³ |
|-------------------|-------|-----------------|
| Lead Fill: | 650' | |
| Tail Volume: | 109.6 | ft ³ |
| Tail Fill: | 350' | |

Cement Data:

| Lead Yield: | 2.53 | ft³/sk |
|-------------|------|-----------------------------|
| Tail Yield: | 1.16 | ft ³ / sk |
| % Excess: | 100% | |

Calculated # of Sacks:

| # SK's Lead: | 170 |
|--------------|-----|
| # SK's Tail: | 190 |

Production Hole Data:

| Total Depth: | 8,400' |
|----------------|--------|
| Top of Cement: | 800 |
| OD of Hole: | 8.750" |
| OD of Casing: | 4.500" |

Calculated Data:

| ft³ | 522.1 | Lead Volume: |
|-----------------|--------|---------------------|
| | 1,700' | Lead Fill: |
| ft ³ | 1812.1 | Tail Volume: |
| | 5,900' | Tail Fill: |

Cement Data:

| Lead Yield: | 1.91 | ft³/sk |
|-------------|------|-----------------------------|
| Tail Yield: | 1.45 | ft ³ / sk |
| % Excess: | 15% | |

Calculated # of Sacks:

| # SK's | Lead: 320 |
|--------|------------|
| # SK's | Tail: 1440 |

Prickly Pear Unit Federal 11A-15D-12-15 Proposed Cementing Program

| Recommendation | | Produc | tion Casi |
|-------------------------------|---------------------|--------|---------------------|
| Lead Cement - (800' - 2500') | | | |
| Halliburton Light Premium | Fluid Weight: | 12.5 | lbm/gal |
| 0.3% Versaset | Slurry Yield: | 1.91 | ft ³ /sk |
| 0.3% Super CBL | Total Mixing Fluid: | 10.48 | Gal/sk |
| 0.125 lbm/sk Poly-E-Flake | Top of Fluid: | 800' | |
| 0.25% Fe-2 | Calculated Fill: | 1,700' | |
| 0.2% Econolite | Volume: | 92.99 | bbl |
| | Proposed Sacks: | 320 | sks |
| Tail Cement - (2500' - 8400') | | | |
| 50/50 Poz Premium | Fluid Weight: | 13.4 | lbm/gal |
| 3.0 % KCL | Slurry Yield: | 1.45 | ft ³ /sk |
| 0.75% Halad®-322 | Total Mixing Fluid: | | Gal/sk |
| 0.2% FWCA | Top of Fluid: | 2,500' | |
| 0.3% Super CBL | Calculated Fill: | 5,900' | |
| 0.125 lbm/sk Poly-E-Flake | Volume: | 322.72 | bbl |
| 1.0 lbm/sk Granulite TR 1/4 | Proposed Sacks: | 1440 | sks |



NINE MILE CEMENT VOLUMES

Well Name: Prickly Pear Unit Federal 11A-15D-12-15

Surface Hole Data:

| Total Depth: | 1,000 |
|----------------|--------|
| Top of Cement: | 0, |
| OD of Hole: | 12.250 |
| OD of Casing: | 9.625" |

Calculated Data:

| Lead Volume: | 203.6 | ft³ |
|--------------|-------|-----------------|
| Lead Fill: | 650' | |
| Tail Volume: | 109.6 | ft ³ |
| Tail Fill: | 350' | |

Cement Data:

| Lead Yield : | 2.53 | ft³/sk |
|---------------------|------|-----------------------------|
| Tail Yield: | 1.16 | ft ³ / sk |
| % Excess: | 100% | |

Calculated # of Sacks:

| # SK's Lead: | 170 |
|--------------|-----|
| # SK's Tail: | 190 |

Production Hole Data:

| Total Dept h: | 8,400′ |
|----------------------|--------|
| Top of Cement: | 800 |
| OD of Hole: | 8.750" |
| OD of Casing: | 5.500" |

Calculated Data:

| Lead Volume: | 429.4 | ft ³ |
|--------------|--------|-----------------|
| Lead Fill: | 1,700' | |
| Tail Volume: | 1490.3 | ft ³ |
| Tail Fill: | 5,900' | |

Cement Data:

| Lead Yield: | 1.91 | ft ³ /sk |
|-------------|------|---------------------|
| Tail Yield: | 1.45 | ft ³ /sk |
| % Excess: | 15% | |

Calculated # of Sacks:

| # SK's Lead: | 260 |
|--------------|------|
| # SK's Tail: | 1190 |

Prickly Pear Unit Federal 11A-15D-12-15 Proposed Cementing Program

| Recommendation | | Production Casi | |
|-------------------------------|---------------------|-----------------|---------------------|
| Lead Cement - (800' - 2500') | | | |
| Halliburton Light Premium | Fluid Weight: | 12.5 | lbm/gal |
| 0.3% Versaset | Slurry Yield: | 1.91 | ft ³ /sk |
| 0.3% Super CBL | Total Mixing Fluid: | 10.48 | Gal/sk |
| 0.125 lbm/sk Poly-E-Flake | Top of Fluid: | 800' | |
| 0.25% Fe-2 | Calculated Fill: | 1,700' | |
| 0.2% Econolite | Volume: | 76.48 | bbl |
| | Proposed Sacks: | 260 | sks |
| Tail Cement - (2500' - 8400') | | | |
| 50/50 Poz Premium | Fluid Weight: | 13.4 | lbm/gal |
| 3.0 % KCL | Slurry Yield: | 1.45 | ft ³ /sk |
| 0.75% Halad®-322 | Total Mixing Fluid: | | Gal/sk |
| 0.2% FWCA | Top of Fluid: | 2,500' | |
| 0.3% Super CBL | Calculated Fill: | 5,900' | |
| 0.125 lbm/sk Poly-E-Flake | Volume: | 265.41 | bbl |
| | Proposed Sacks: | | sks |

BILL BARRETT CORPORATION

PRICKLY PEAR UNIT FEDERAL #10-15D-12-15, #11A-15D-12-15, #15-15D-12-15, #9-15D-12-15, #16-15D-12-15, FUTURE: #10A-15D-12-15, #14A-15D-12-15, #15A-15D-12-15, #9A-15D-12-15 & #16A-15D-12-15

> LOCATED IN CARBON COUNTY, UTAH SECTION 15, T12S, R15E, S.L.B.&M.

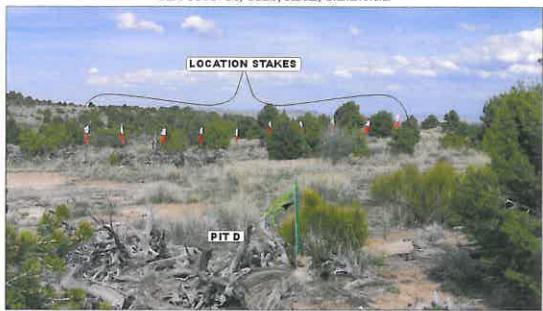


PHOTO: VIEW FROM PIT D TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHEASTERLY



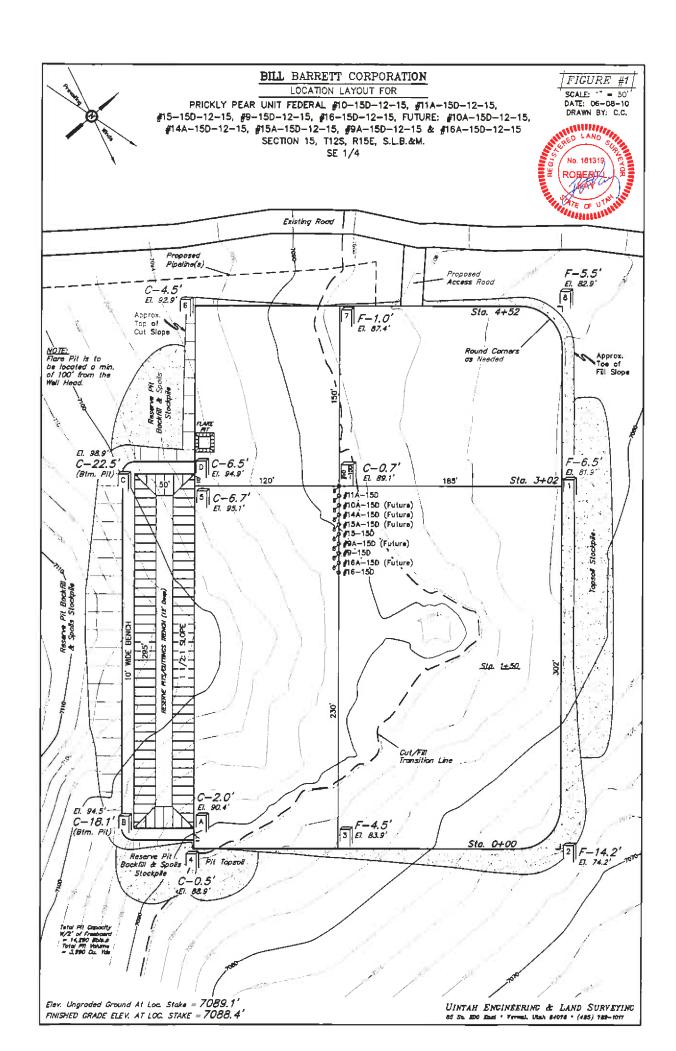
'APIWellNo:43007500490000'

Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

MONTH DAY YEAR TAKEN BY: J.M. | DRAWN BY: C.C. | REVISED: 06-16-10

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BILL BARRETT CORPORATION

TYPICAL CROSS SECTION FOR

PRICKLY PEAR UNIT FEDERAL #10-150-12-15, #11A-150-12-15,

#15-15D-12-15, #9-15D-12-15, #16-15D-12-15, FUTURE: #10A-15D-12-15,

#14A-15D-12-15, #15A-15D-12-15, #9A-15D-12-15 & #16A-15D-12-15

SECTION 15, T12S, R15E, S.L.B.&M. SE 1/4

STA. 4+52

185

Finish **Grade**

120

X-Section

Scole

1" <u>= 50</u>"

DATE: 06-08-10

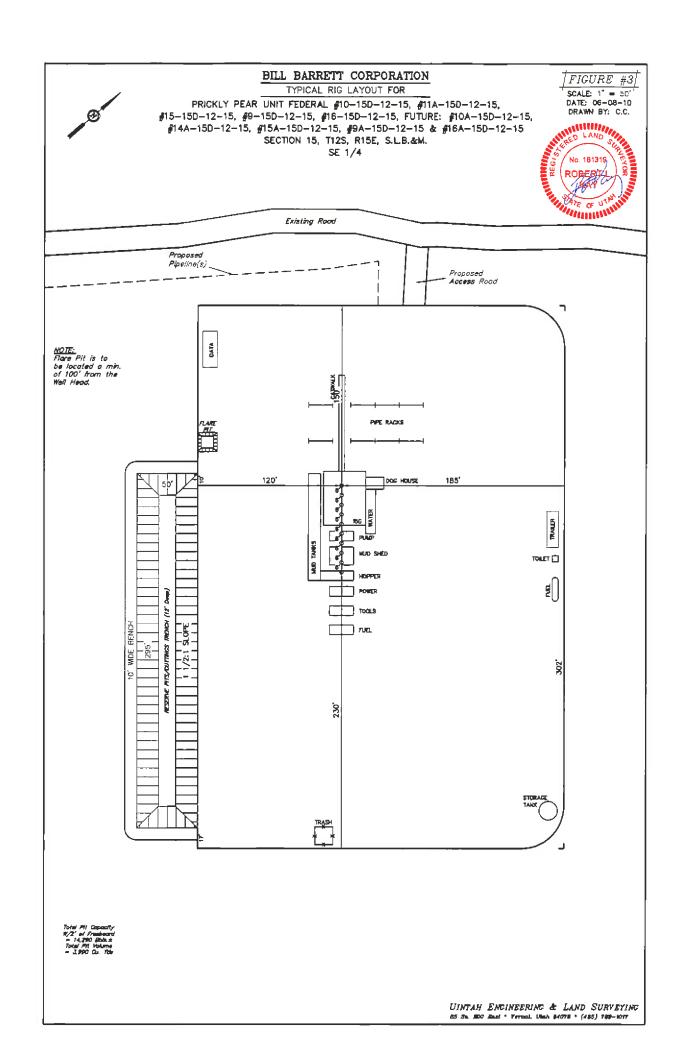
DRAWN BY: C.C. REVISED 07-16-10

FICURE #2

William CAVO STATE

No. 161319

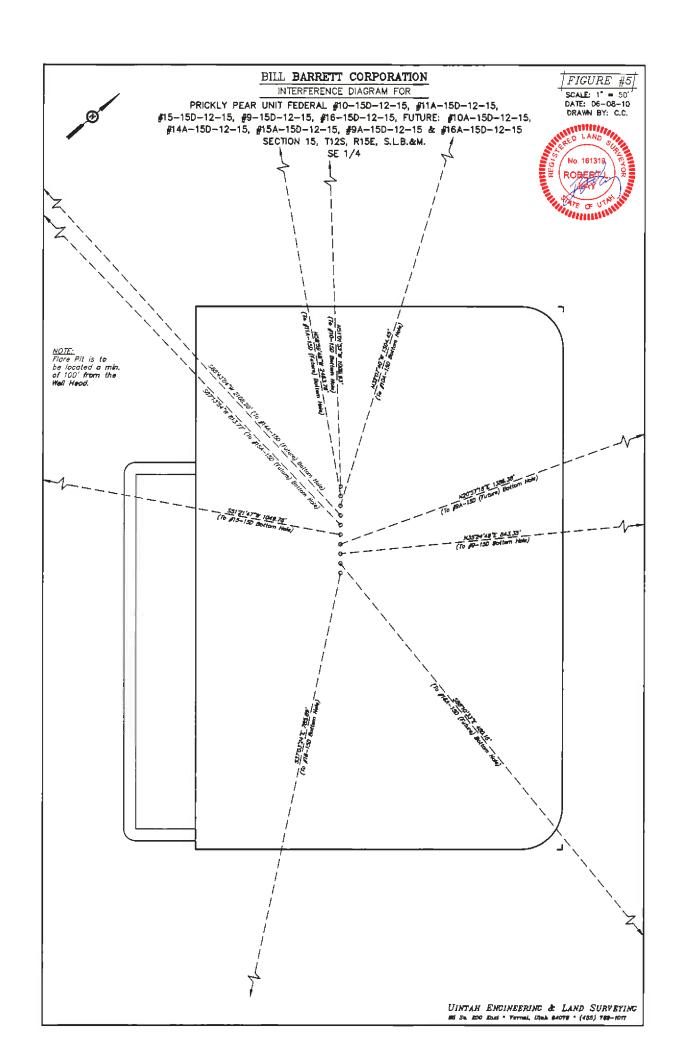
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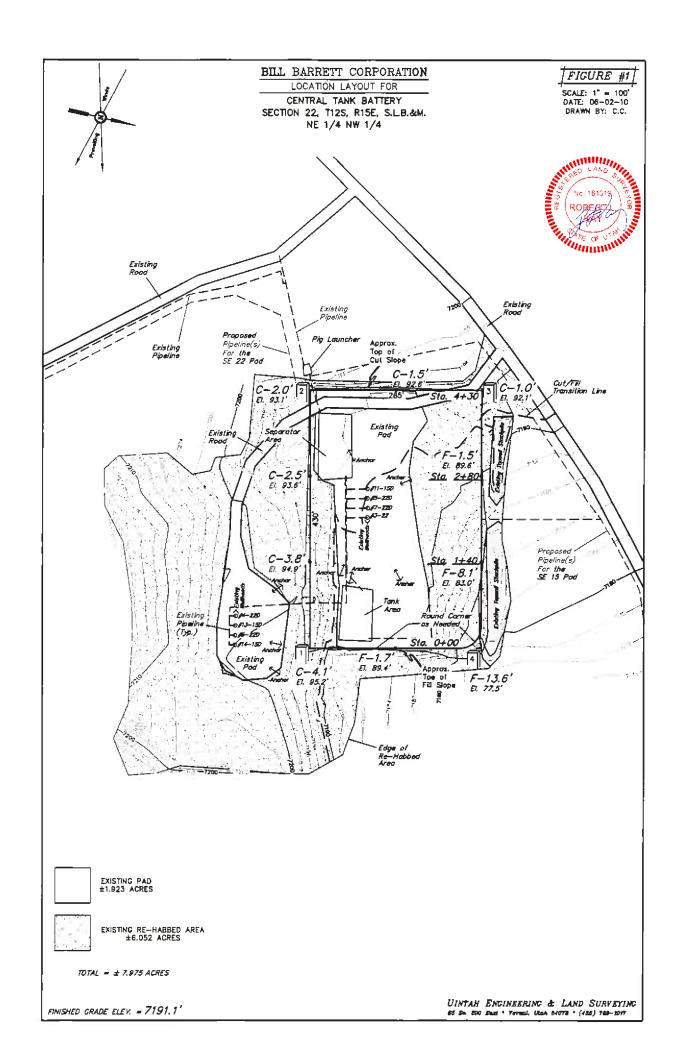


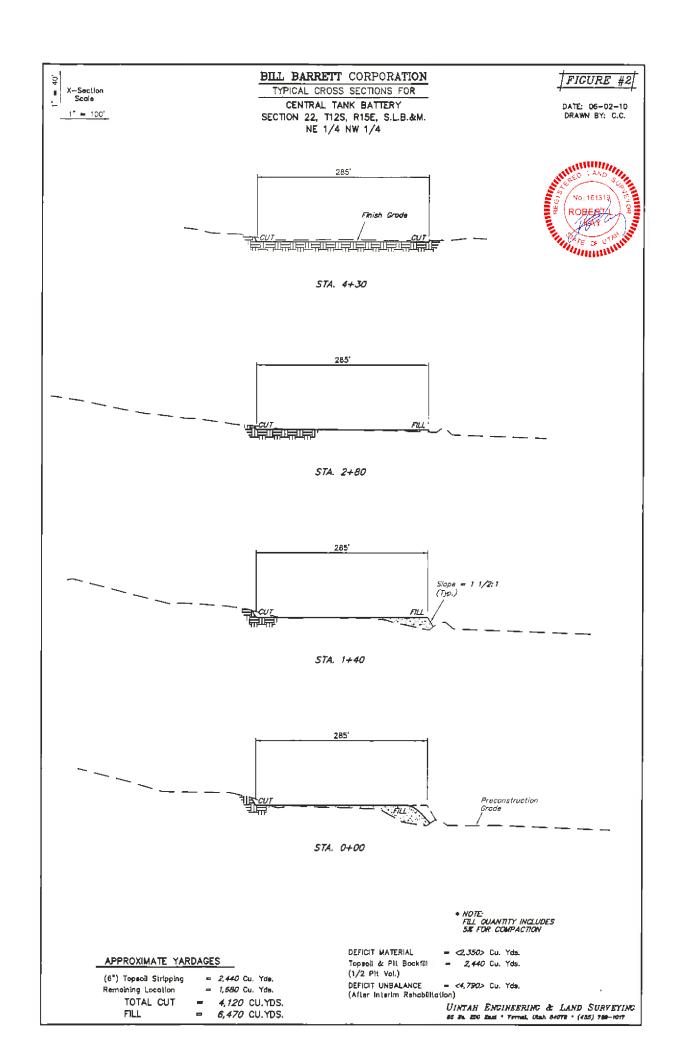
UINTAH ENGINEERING & LAND SURVEYING AS SA ENG FOR " Permet Dan serts * (486) 788-1017

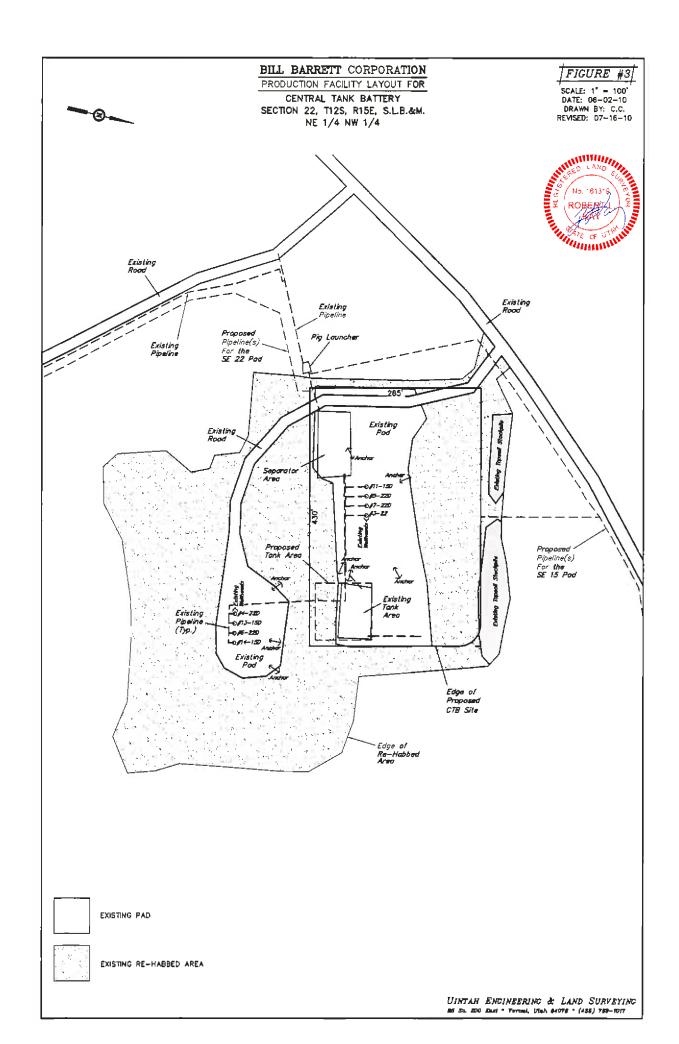
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RE-HABBED AREA







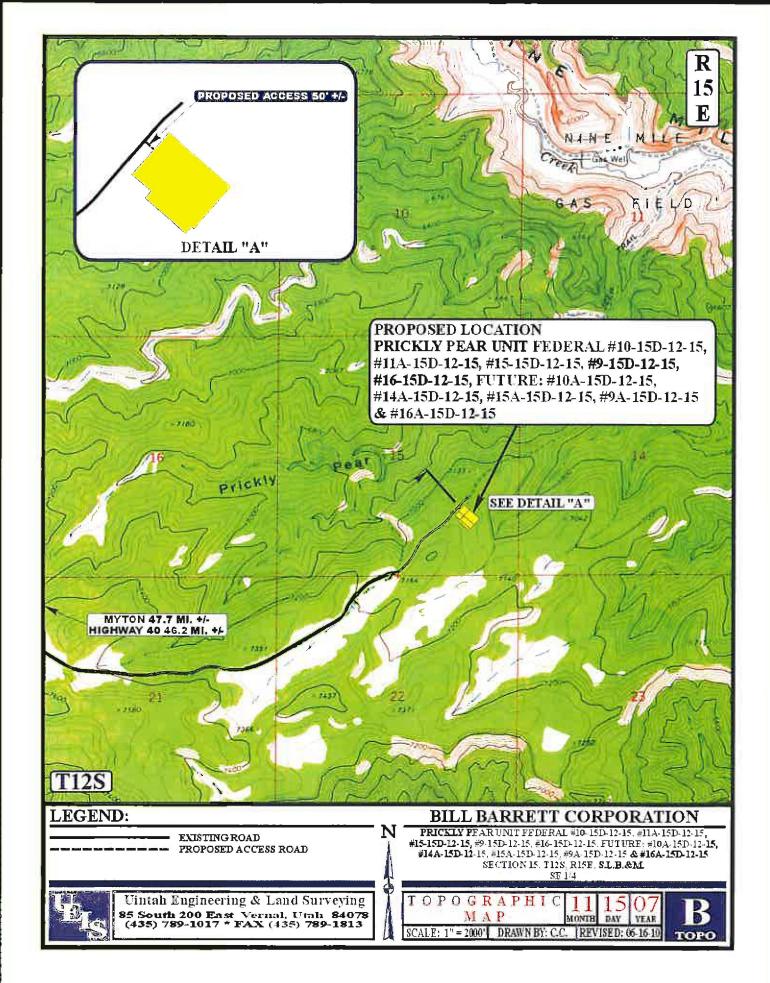


BILL BARRETT CORPORATION

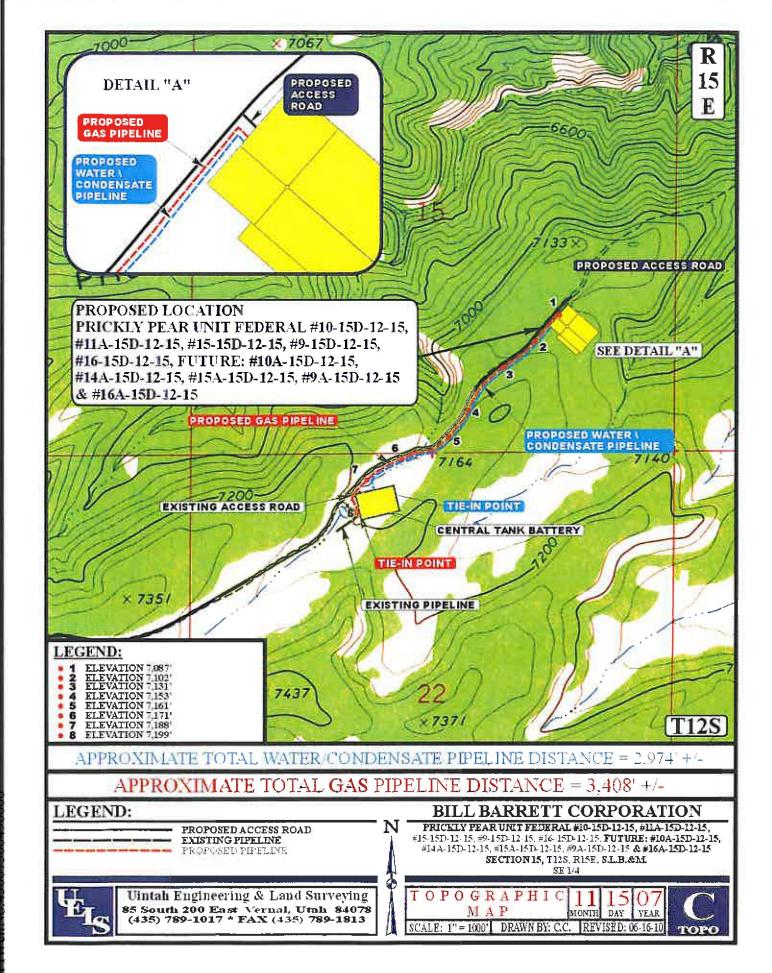
PRICKLY PEAR UNIT FEDERAL #10-15D-12-15, #11A-15D-12-15, #15-15D-12-15, #9-15D-12-15, #16-15D-12-15, FUTURE: #10A-15D-12-15, #14A-15D-12-15, #15A-15D-12-15, #9A-15D-12-15 & #16A-15D-12-15 SECTION 15, T12S, R15E, S.L.B.&M.

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 28.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST: RIGHT AND PROCEED INSOUTHWESTERLY, Α NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN SOUTHEASTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 5.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 50' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 47.7 MILES.

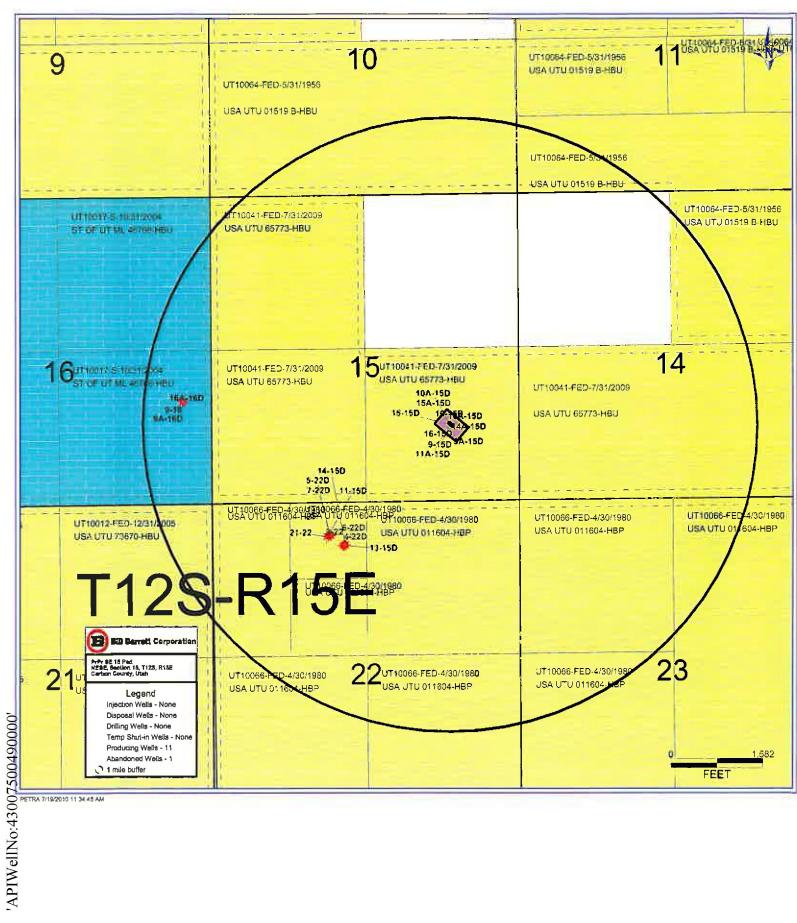


1 DIWEINS: 430075004000



1 DIWISHING 1300750040000

ONE MILE RADIUS MAP



'APIWellNo:43007500490000'

SURFACE USE PLAN

BILL BARRETT CORPORATION Prickly Pear Unit Federal SE 15 Pad Carbon County, UT

| Prickly Pear Unit Federal 10-15D-12-15 | Prickly Pear Unit Federal 11A-15D-12-15 | |
|---|---|--|
| NESE, 1365' FSL, 1198' FEL, Sec. 15, T12S-R15E (surface hole) | NESE, 1360' FSL, 1192' FEL, Sec. 15, T12S-R15E (surface hole) | |
| NWSE, 2004' FSL, 1983' FEL, Sec. 15, T12S-R15E (bottom hole) | NESW, 2639' FSL, 2007' FWL, Sec. 15, T12S-R15E (bottom hole) | |
| Prickly Pear Unit Federal 15-15D-12-15 | Prickly Pear Unit Federal 16-15D-12-15 | |
| NESE, 1339' FSL, 1168' FEL, Sec. 15, T12S-R15E (surface hole) | SESE, 1318' FSL, 1143' FEL, Sec. 15, T12S-R15E (surface hole) | |
| SWSE, 687' FSL, 1988' FEL, Sec. 15, T12S-R15E (bottom hole) | SESE, 688° FSL, 670° FEL, Sec. 15, T12S-R15E (bottom hole) | |
| Prickly Pear Unit Federal 9-15D-12-15 | | |
| NESE, 1328* FSL, 1156* FEL, Sec. 15, T12S-R15E (surface hole) | | |
| NESE, 2013' FSL, 667' FEL, Sec. 15, T12S-R15E (bottom hole) | | |

This is a new pad with a total of ten directional wells proposed (five to be drilled in Phase 1, five future wells). The onsite for this pad occurred December 2008 and a subsequent onsite occurred June 30, 2010 to review pad changes.

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:

- a. The proposed pad is located approximately 48 miles from Myton, Utah. Maps reflecting directions to the proposed pad are included (see Topographic maps A and B).
- b. The use of roads under State and County Road Department maintenance is necessary to access the Prickly Pear Unit. However, an encroachment permit is not anticipated as there are no upgrades to the State or County road systems proposed at this time.
- No topsoil stripping would occur as there are no improvements proposed to existing State, County
 or main BLM access roads.
- d. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a scraper and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate
 with road and weather conditions. Travel would be limited to the existing access roads and
 proposed access road.
- f. To address safety-related traffic concerns, drivers and rig crews would be advised of the hazards to recreational traffic along the existing and proposed access roads, as well as hazards present due to blind corners, cars parked on the road, pedestrian traffic, and mountain bikers. In addition, appropriate signs would be erected to warn non-project personnel about traffic hazards associated with project-related activities and during times of rig moves, when there is heavy equipment, traffic may be controlled on sections of roads. Traffic would be controlled using roadside signs, flagmen, and barricades as appropriate.
- Dust suppression and monitoring would be implemented where necessary and as prescribed by the BLM.
- h. An off-lease federal right-of-way for the access road and utility corridor is not anticipated at this time since existing roads are being utilized into the Prickly Pear Unit area. All new construction would be within the Unit.

Planned Access Road:

- a. From the existing Prickly Pear road, approximately 50 feet of new access road is proposed (see Topographic Map B) within the Prickly Pear Unit. A road design plan is not anticipated at this time.
- b. The new proposed access road would be co-located by pipeline(s) and the requested corridor disturbance would be 100 ft with a short-term corridor disturbance of 80 ft (0.09 acres) reclaimed to a long-term corridor of 30 ft (0.03 acres).
- c. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- d. No turnouts, cattleguards, or culverts are proposed.
- e. New road construction and improvements of existing roads would typically require the use of motorgraders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or buildozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- f. Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private, State of Utah, or federal lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- g. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.
- Surface disturbance and vehicular travel would be limited to the approved location access road.
 Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- i. All access roads and surface disturbing activities would conform to the appropriate standard, no higher than necessary, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development Fourth Edition Revised 2007</u>. BBC would be responsible for all maintenance of the access road.

3. Location of Existing Wells (see One-Mile Radius Map):

 Following is a list of wells with surface hole locations within a one-mile radius of the proposed pad:

| i. | water wells | none |
|------|--------------------|--------|
| ii. | injection wells | none |
| iii. | disposal wells | none |
| iv. | drilling wells | none |
| v. | temp shut-in wells | none |
| vi. | producing wells | eleven |
| vii. | abandoned wells | one |

4. Location of Production Facilities:

- a. Each proposed well would have its own meter run and separator. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches. All wellheads associated with the drilling operations for this pad would be contained in the same trench measuring approximately 12 ft wide, 10 ft deep, and 64 ft long (# wells x 8 ft + 16 ft for two end pieces). Drawings of below ground cellars can be provided by BBC upon request.
- b. Tank facilities for this pad would be located at a centralized tank battery facility (CTB) at the existing Prickly Pear 3-22 well pad in the NENW, Sec. 22, T12S-R15E within the Prickly Pear unit. Up to ten tanks (combination of 625 bbl and 400 bbl in capacity) would be located on the 3-22 well pad for production associated with this pad and for additional proposed pads that will also use this as a CTB. As some of the proposed wells are inside the Participating Area (PA) and some wells are outside of the PA, production for non-PA wells would be combined in one set of tanks while production for PA wells would be combined in a separate set of tanks. Figures 1-3 reflect facility plans.
- c. The CTB would be surrounded by a secondary containment berm of sufficient capacity to contain the 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the CTB or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil. BBC requests permission to install the necessary production/operation facilities with this application.
- d. Most wells would be fitted with plunger lift systems to assist liquid production. However, pump jacks may be used if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks would be small (50 horsepower or less), natural gas-fired internal combustion engines.
- e. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3
- f. A combustor is located on the existing 3-22 CTB for control of associated condensate tank emissions. No combustor is planned on the proposed new well pad.
- g. A gas gathering pipeline (up to 12 inch diameter), approximately 3,408 feet in length and two liquids line (up to 6 inch diameter), approximately 2,974 feet in length, are associated with this application and are being applied for at this time (see Topographic Map D). Two liquids lines are necessary to transport PA and non-PA liquids to the appropriate tanks on the CTB. All lines would leave the west side of the pad and traverse southwest where the gas pipeline would tie into the existing 12 inch line and the liquids line would transport the liquids to the CTB.
- h. The proposed new gas pipeline would be constructed of steel while the liquid lines would be constructed of steel, polyethylene, or fiberglass. The gas pipeline and liquids line would be buried, where soil conditions permit, within the proposed 40 ft pipeline corridor adjacent to the existing access road.
- Although BBC intends on burying the new proposed pipelines, burial of pipelines would depend upon the site-specific topographic and soil conditions and operational requirements. If bedrock was encountered, BBC would contact the Authorized Officer at the time of construction to discuss further.
- j. BBC intends on stringing the pipeline on the surface, welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long

lengths together. The welded joints would either remain on the surface or would be placed within the trench, depending on the scenario. BBC intends on connecting the pipeline together utilizing conventional welding technology.

- k. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.
- To limit erosion potential, backfill over pipeline trenches would be compacted so as not to extend
 above the original ground level after the fill has settled. Wheel or other methods of compacting
 backfill would be utilized as practicably feasible to reduce trench settling and water channeling.
- m. All permanent above-ground structures would be painted a flat, non-reflective Olive Black to match the standard environmental colors. These structures would be painted the designated color at the time of installation or within 6 months of being located on site. Facilities that are required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to.
- The site would require periodic maintenance to ensure that drainages are kept open and free of
 debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to
 adjacent areas.

5. Location and Type of Water Supply:

 Bill Barrett Corporation would use water consistent with approvals granted by the Utah State Engineer's Office under:

Application Number 90-1863, expires June 6, 2011
Application Number 98-860, expires September 30, 2010
Application Number 90-4, expires December 31, 2014
Application Number 90-1861, expires May 11, 2011

- b. Water use for this location would most likely be diverted from Nine Mile Creek, the N¼ of Section 3, T12S-R14E. Bobtail trucks would haul the water, traveling Prickly Pear road to Harmon Canyon, traveling north to this point of diversion.
- c. Water use would vary in accordance with the formations to be drilled but would average approximately 1 acre-foot (7,758 barrels) during drilling operations and 1 acre-foot (7,758 barrels) during completion operations.

6. Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be taken out of the Prickly Pear Unit.
- c. If any additional gravel is required, it would be obtained from SITLA materials permits, federal BBC locations within the Prickly Pear unit or from private sources.

Methods of Handling Waste Disposal:

 All wastes associated with this application would be contained and disposed of utilizing approved facilities.

Closed Loop Drilling System

- b. BBC intends to employ a closed loop drilling system in which drilling fluids and cuttings would be thoroughly processed such that the separated cuttings are relatively dry. The cuttings would be stored on location in either secured piles or in a 295 ft x 50 ft cuttings trench (indicated as reserve pit on Figure 1 located outboard of the location along the south side of the pad).
- c. The cuttings trench would not be lined. Three sides of the trench would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until cuttings trench has been reclaimed.
- d. Upon completion of drilling, the cuttings would be tested and further processed as necessary to meet standards for burial on site or other BLM approved uses such as a media for road surfacing or growing media for reclamation.

Conventional or Semi-Closed Loop Drilling System

- e. In the event closed loop drilling is not employed, a conventional or semi-closed loop system would be used where a small amount of fluid is retained in the cuttings and the cuttings are placed in the reserve pit. The reserve pit would also store water to make up losses and store any excess drilling fluids. Reserve pits would be constructed with an impermeable liner so as to prevent releases. The pit liner would overlap the pit walls and be anchored with soil and/or rocks to hold it in place. No trash, scrap pipe, etc. that could puncture the liner would be disposed of in the pit and a minimum of 2 ft of freeboard would be maintained in the pit at all times. Reserve pits would be constructed and maintained according to BLM or UDOGM requirements as appropriate.
- f. Three sides of the reserve pit would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until the pit is dry.
- g. Any hydrocarbons floating on the surface of the reserve pit would be removed as soon as possible after drilling and completion operations are finished. In some cases, the reserve pit may be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

Completion Pit

h. Where closed loop drilling is employed, the cuttings trench disturbed area would typically also be used to store water for completion activities. The completion pit would be constructed with an impermeable liner to prevent releases and would be fenced and constructed and maintained according to BLM or UDOGM requirements.

Other

- i. Produced fluids from the wells other than water would be decanted into steel test tanks until such time as construction of production facilities is completed. Produced water may be used in further drilling and completion activities, evaporated in the pit or would be hauled to a state approved disposal facility.
- j. After initial clean-up and based on volumes, BBC would install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater would be confined to tanks within the CTB for a period not to exceed ninety (90) days. Thereafter, produced water would be used in further drilling and completion activities or hauled to a State approved disposal facility.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.

- Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- m. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO₂ gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells
- n. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Carbon, Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.
- o. Sanitary waste equipment and trash bins would be removed from the WTP Project Area upon completion of access road or pipeline construction; following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.
- p. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the West Tavaputs Project area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is possible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.
- q. Flare lines would be directed so as to avoid damage to surrounding vegetation, adjacent rock faces, or other resources, and as required by regulations. Flare lines would be in place on all well locations. In the event it becomes necessary to flare a well, a deflector and/or directional orifice would also be used to safeguard both personnel and adjacent natural rock faces.

8. Ancillary Facilities:

- a. Garbage containers and portable toilets would be located on the well pad.
- BLM approved and permitted storage yards for tubulars and other equipment and temporary housing areas would be utilized.
- c. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. Active drilling locations could include up to five single wide mobile homes or fifth wheel campers/trailers.

9. Well Site Layout:

- a. Each well would be properly identified in accordance with 43 CFR 3162.6
- b. The pad has been staked at its maximum size of 452 ft x 305 ft with a 295 ft x 50 ft (4.5 short-term acres, 0.844 long-term acres) cuttings trench/reserve pit/completion pit outboard of the pad. The location layout and cross section diagrams are enclosed.
- c. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- d. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches.
- e. The cuttings trench or reserve pit would be fenced on three sides during drilling and on the fourth side immediately after the removal of the drilling rig. In the event closed loop drilling is employed, the cuttings trench would be removed or stockpiled on one edge of the trench and the area would be used for a completion pit during completion operations.
- Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- h. Construction of the well pad would take from 1 to 3 weeks depending on the features at the particular site.
- i. Dust suppression may be implemented if necessary to minimize the amount of fugitive dust.

10. Plan for Restoration of the Surface:

Interim Reclamation (see Figure 4)

- a. Portions of the disturbed area within a construction ROW or portions of well pads not needed for production would be reclaimed according to specifications of the BLM as appropriate.
- b. Prior to interim reclamation activities, all solid wastes and refuse would be removed and placed at approved landfills. The portions of the well pad or access and pipeline corridor not needed for production would be re-contoured to promote proper drainage, salvaged topsoil would be replaced, and side slopes would be ripped and disked on the contour. Following site preparation, reseeding would be completed during either the spring or fall planting season, when weather conditions are most favorable. Seed mixtures for reclaimed areas would be site-specific and would require approval by the BLM. BBC would apply and meet BLM's Green River District Reclamation Standards, as practicable.
- c. The operator would control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- d. Following interim reclamation, access roads (including roads co-located with pipeline) would be reduced to approximately 30 feet of disturbance. Roads leading to well sites that would not have

> surface production equipment would be designed and reclaimed in a way that minimizes impacts to the visual character of the host lands.

e. Weather permitting, earthwork for interim reclamation would be completed within 6 months of completion of the final well on the pad or plugging and would continue until satisfactory revegetation cover is established. Inter-seeding (i.e. seeding into existing vegetation), secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provisions would be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures would occur on areas where initial reclamation efforts are unsuccessful, as determined by the BLM or the appropriate surface management agency.

Dry Hole/Final Reclamation

- f. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc. would be expediently reclaimed and reseeded in accordance with the reclamation plan and any pertinent site-specific COAs.
- g. When a well is to be plugged and abandoned, BBC would submit a Notice of Intent to Abandon (NOA) to the BLM or UDOGM as appropriate. The BLM or UDOGM would then attach the appropriate surface rehabilitation COAs for the well pad, and as appropriate, for the associated access road, pipeline, and ancillary facilities. During plugging and abandonment, all structures and equipment would be removed from the well pad. Backfilling, leveling, and re-contouring would then be performed according to the BLM or UDOGM order.
- h. Any mulch used by BBC would be weed-free and free from mold, fungi, or noxious weeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting or rock.
- i. BBC would reshape disturbed channel beds to their approximate original configuration.
- j. Reclamation of abandoned roads may include re-shaping, re-contouring, re-surfacing with topsoil, installation of water bars, and seeding on the contours. Road beds, well pads, and other compacted areas would be ripped to a depth of approximately 1 foot on 1.5 foot centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation would be spread over the disturbance area for nutrient recycling, where practical. Additional erosion control measures (e.g. fiber matting) and road barriers to discourage travel may be constructed if appropriate. Graveled roads, well pads, and other sites would be stripped of usable gravel prior to ripping as deemed necessary. Culverts, cattleguards, and signs would be removed as roads are abandoned.

11. Surface and Mineral Ownership:

- a. Surface ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078: (435) 636-3600.
- Mineral ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.

12. Other Information:

a. Montgomery Archaeological Consultants conducted cultural resource inventories for this pad, access and pipeline under MOAC 07-381 dated November 21, 2007 and MOAC 08-317 dated November 18, 2008. Cultural inventories for the CTB were conducted under MOAC 06-213 dated May 16, 2006 and MOAC 10-120 dated July 20, 2010.

- BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- c. Project personnel and contractors would be educated on and subject to the following requirements:
 - No dogs within the WTP Project Area;
 - No firearms within the WTP Project Area;
 - No littering within the WTP Project Area;
 - Smoking within the WTP Project Area would only be allowed in off-operator active
 locations or in specifically designated smoking areas. All cigarette butts would be placed in
 appropriate containers and not thrown on the ground or out windows of vehicles; personnel
 and contractors would abide by all fire restriction orders;
 - Campfires or uncontained fires of any kind would be prohibited within the WTP Project Area;
 - Portable generators used in the WTP Project Area would have spark arrestors.
- d. All proposed disturbances are within the Prickly Pear unit: disturbances for the well pad, proposed new access and portions of the proposed gas pipeline and liquids line occur on lease UTU-65773 while another portion of the gas pipeline and liquids line as well as the CTB would be located on lease UTU-011604. No new disturbance is associated with the CTB.

'APIWellNo:43007500490000'

OPERATOR CERTIFICATION

Certification:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

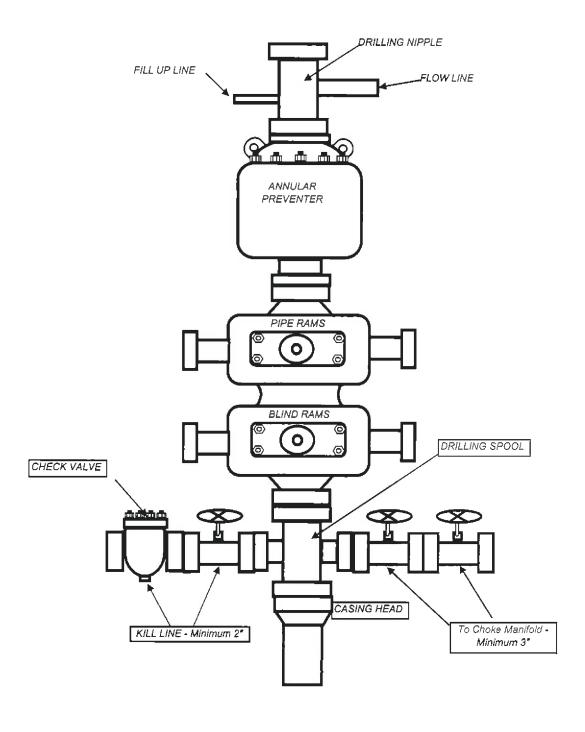
2nt day of 2010 Executed this Name: Position Title: Regulatory Analyst 1099 18th Street, Suite 2300, Denver, CO 80202 Address: Telephone: 303-312-8134 Field Representative Brandon Murdock 1820 W. Hwy 40, Roosevelt, UT 84066 Address: 435-724-5252 Telephone: E-mail: bmurdock@billbarretteorp.com

Tracey Fallang, Regulatory Analyst

'APIWellNo:43007500490000'

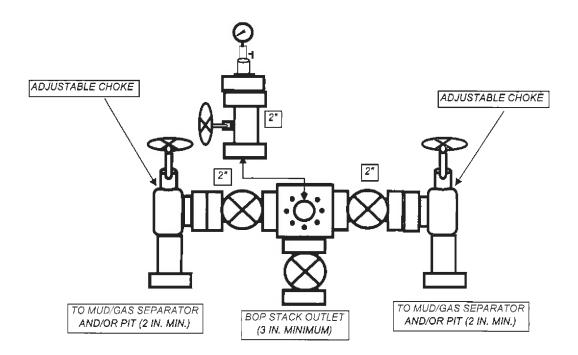
BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. CHOKE MANIFOLD





July 27, 2010

Ms. Diana Mason State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE: Directional Drilling R649-3-11

Prickly Pear Unit Federal #11A-15D-12-15

SHL: 1360' FSL & 1192' FEL, NESE 15-T12S-R15E BHL: 2639' FSL & 2007' FWL, NESW 15-T12S-R15E

Carbon County, Utah

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Prickly Pear Unit Area and within a Participating Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area;
- XTO is an additional working interest owner and BBC will consult with XTO regarding the drilling of this well.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact Vicki Wambolt, Landman at 303-312-8513.

Sincerely,

Vicki Wambolt

Landman

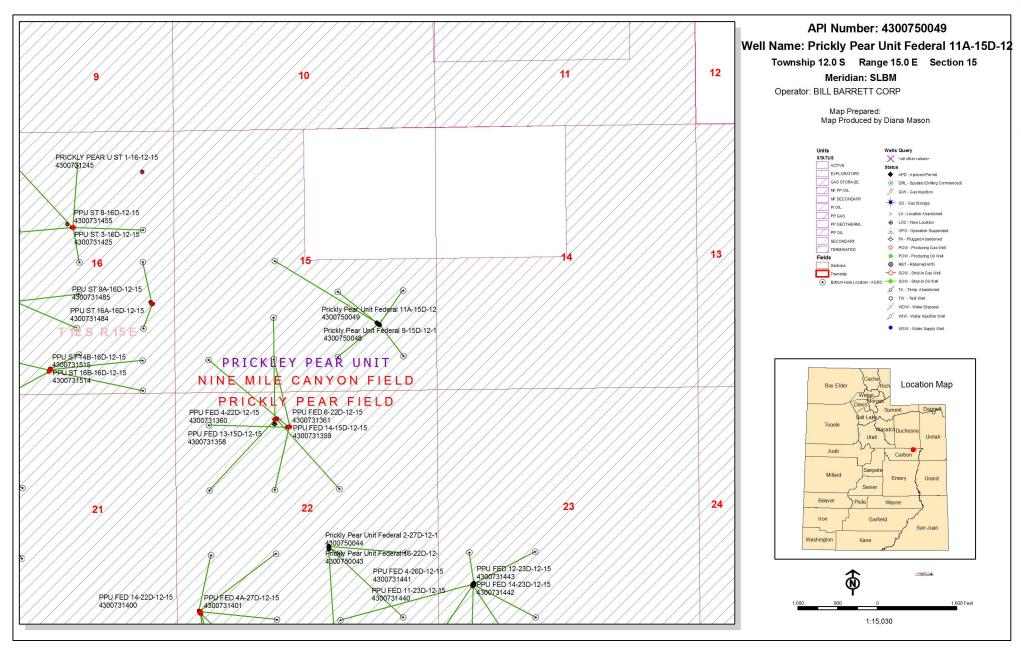
1099 18TH STREET

SUITE 2300

DENVER, CO 80202

P 303.293.9100

F 303.291.0420



WORKSHEET APPLICATION FOR PERMIT TO DRILL

API NO. ASSIGNED: 43007500490000 **APD RECEIVED:** 7/27/2010 WELL NAME: Prickly Pear Unit Federal 11A-15D-12-15 **OPERATOR:** BILL BARRETT CORP (N2165) **PHONE NUMBER: 303 312-8134 CONTACT:** Tracey Fallang PROPOSED LOCATION: NESE 15 120S 150E **Permit Tech Review: SURFACE: 1360 FSL 1192 FEL Engineering Review: BOTTOM:** 2639 FSL 2007 FWL Geology Review: **COUNTY: CARBON LATITUDE: 39.77031 LONGITUDE:** -110.21723 **UTM SURF EASTINGS:** 567042.00 NORTHINGS: 4402347.00 FIELD NAME: PRICKLY PEAR LEASE TYPE: 1 - Federal **LEASE NUMBER: UTU-65773** PROPOSED PRODUCING FORMATION(S): WASATCH-MESA VERDE SURFACE OWNER: 1 - Federal **COALBED METHANE: NO RECEIVED AND/OR REVIEWED: LOCATION AND SITING:** ✓ PLAT R649-2-3. Unit: PRICKLY PEAR Bond: FEDERAL - WYB000040 Potash R649-3-2. General **Oil Shale 190-5 Oil Shale 190-3** R649-3-3. Exception Oil Shale 190-13 **Drilling Unit** Board Cause No: Cause 256-1 Water Permit: Nine Mile Creek **Effective Date:** 12/16/2004 **RDCC Review:** Siting: Suspends General Siting **Fee Surface Agreement Intent to Commingle** ✓ R649-3-11. Directional Drill **Commingling Approved**

Comments: Presite Completed

APD IS IN UPOD:

Stipulations: 4 - Federal Approval - dmason

15 - Directional - dmason

API Well No: 43007500490000



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Prickly Pear Unit Federal 11A-15D-12-15

API Well Number: 43007500490000 Lease Number: UTU-65773 Surface Owner: FEDERAL Approval Date: 8/5/2010

Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 256-1. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

 Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
 OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

Reporting Requirements:

API Well No: 43007500490000

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

Acting Associate Director, Oil & Gas

| | STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING | | | | |
|--|--|--|--|--|--|
| SUND | RY NOTICES AND REPORTS ON | I WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | | |
| Do not use this form for propo bottom-hole depth, reenter plu DRILL form for such proposals | 7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR | | | | |
| 1. TYPE OF WELL Gas Well | | 8. WELL NAME and NUMBER: PRICKLY PEAR UNIT FED 11A-15D-12-15 | | | |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | 9. API NUMBER: 43007500490000 | | | |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, [| PHONE N Denver, CO, 80202 303 312-81 | | 9. FIELD and POOL or WILDCAT: PRICKLY PEAR | | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1360 FSL 1192 FEL | | | COUNTY: CARBON | | |
| QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESE Section: 15 | IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian: S | | STATE: UTAH | | |
| 11. CHE | CK APPROPRIATE BOXES TO INDICATE N | ATURE OF NOTICE, REPORT, | OR OTHER DATA | | |
| TYPE OF SUBMISSION | | TYPE OF ACTION | | | |
| ✓ NOTICE OF INTENT Approximate date work will start: 2/16/2011 □ SUBSEQUENT REPORT Date of Work Completion: □ SPUD REPORT Date of Spud: □ DRILLING REPORT REPORT REPORT Date: | CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION | ALTER CASING CHANGE TUBING COMMINGLE PRODUCING FORMATIONS FRACTURE TREAT PLUG AND ABANDON RECLAMATION OF WELL SITE SIDETRACK TO REPAIR WELL VENT OR FLARE SI TA STATUS EXTENSION OTHER | CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, Completion Into Two or More Pools, BBC is submitting this sundry to request commingling approval for the Wasatch and Mesaverde formations. Gas composition is similar across all formations. The pressure profile across the formations is similar and BBC does not anticipate any cross flow. Production is considered to be from one pool. In the event that allocation by zone or Date: interval is required, BBC would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval. A letay: and affidavit of notice is attached. As per Marvin Hendrickson with the Price BLM, federal authority of this action is not necessary. | | | | | |
| Tracey Fallang | 303 312-8134 | Regulatory Analyst | | | |
| SIGNATURE N/A | | DATE 8/26/2010 | | | |



Utah Division of Oil, Gas & Mining 1594 W. North Temple, Suite 1210 Salt Lake City, UT 84116 Attention: Dustin Doucet

RE: Sundry Notices

Prickly Pear Unit

Section 15 T12S R15E

Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Prickly Pear Unit Federal 16-15D-12-15, 9-15D-12-15, 15-15D-12-15, 10-15D-12-15 & 11A-15D-12-15 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

BILL BARRETT CORPORATION

Vicki L. Wambolt

Landman

Enclosures

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
O 303 293 9100
F 303 291 0420



AFFIDAVIT

My name is Vicki L. Wambolt and I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde formations in the Prickly Pear Unit Federal 16-15D-12-15, 9-15D-12-15, 15-15D-12-15, 10-15D-12-15 & 11A-15D-12-15 wells drilled from a pad located in the SE of Section 15, Township 12 South, Range 15 East. In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas leases or drilling units overlying the pool.

State of Utah, acting by and through the School and Institutional Trust Lands Administration 675 East 500 South, Suite 500 Salt Lake City, UT 84102

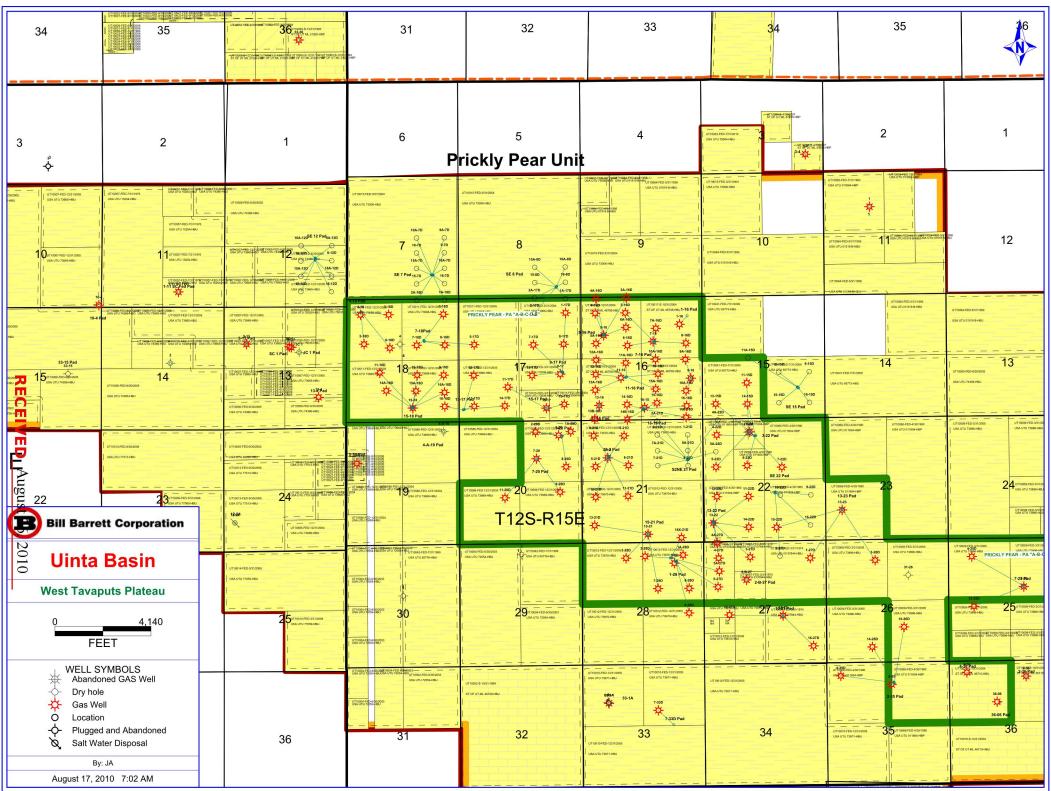
Bureau of Land Management Price Field Office 125 South 600 West Price, Utah 84501

XTO Energy, Inc. 810 Houston St. Fort Worth, TX 76102-6298

Date: August 5, 2010

Affiant

ricki L. wamboit





Bureau of Land Management Price Field Office 125 South 600 West Price, UT 84501

Attention: Marvin Hendricks

RE: Sundry Notices

Prickly Pear Unit

Section 15 T12S R15E

Carbon Co., UT

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Certified Mail 7008 1830 0001 5329 9154

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

BILL BARRETT CORPORATION

Vicki L. Wambolt

Landman

Enclosures

303 291 0420



State of Utah Certified Mail 7008 1830 0001 5329 9338 School and Institutional Trust Lands Administration 675 East 500 South, Suite 500 Salt Lake City, UT 84102

RE: Sundry Notices

Prickly Pear Unit

Section 15 T12S R15E

Carbon Co., UT

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BILL BARRETT CORPORATION

10451 Junto 14

Vicki L. Wambolt

Landman

Enclosures

303 291 0420



XTO Energy, Inc. 810 Houston St. Fort Worth, TX 76102-6298

Certified Mail 7008 2810 0002 3823 8842

RE: Sundry Notices

Prickly Pear Unit

Section 15 T12S R15E

Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Prickly Pear Unit Federal 16-15D-12-15, 9-15D-12-15, 15-15D-12-15, 10-15D-12-15 & 11A-15D-12-15 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

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BILL BARRETT CORPORATION

Viczizi Claraboit

Vicki L. Wambolt

Landman

Enclosures

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

| Name of Cor | Name of Company: BILL BARRETT CORPORATIONN | | | | | |
|--------------|--|------------|-------|-----------|---------------|--|
| Well Name | : | PRICKLY P | EAR | UNIT FED | 11A-15D-12-15 | |
| Api No: | 43-007-500 | 49 | Le | ease Type | FEDERAL | |
| Section 15 | Township12 | 2S Range 1 | 5E | _County | CARBON | |
| Drilling Cor | ntractor | TRIPLE AA | A DI | RILLING | RIG # | |
| SPUDDE | D: | | | | | |
| | Date | 10/16/2010 | | | | |
| | Time | 6:00 AM | | | | |
| | How | DRY | | | | |
| Drilling wi | ill Commend | ce: | | | | |
| | | | | | | |
| Reported by | | DOC AS | AY | | | |
| Telephone # | | (307) 258 | -0580 | | | |
| Date | 10/20/2010 | Signed | СН | D | | |

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

Bill Barrett Corporation

Operator Account Number: N 2165

Address:

1099 18th Street, Suite 2300

city Denver

state CO zip 80202

Phone Number: (303) 312-8115

Well 1

| | and the second throat and the second and the second second second second second second | Well Name | | | Well Name QQ Sec Twp | | Twp | Rng County | | |
|--------------|--|----------------------|---|-------------|----------------------|------------|-------------------------------|------------|--|--|
| 4300750047 P | 047 Prickly Pear Unit Fed 10-15D-12-15 | | | NESE 15 12S | | 15E Carbon | | | | |
| Action Code | Current Entity Number | New Entity Number | s | pud Da | te | | ty Assignment fective Date | | | |
| Α | 99999 | 17828 | 1 | 0/20/20 | 10 | 10 | 128/10 | | | |

Well 2

| API Number | Well Name | | | Sec | Twp | Rng | County | |
|-------------|--------------------------|----------------------|------|-----------|-----|-------------------------------------|---------|--|
| 4300750049 | Prickly Pear Unit Fed | 11A-15D-12-15 | NESE | 15 | 128 | 15E | Carbon | |
| Action Code | Current Entity Number | New Entity Number | s | Spud Date | | Entity Assignment Effective Date | | |
| \$B | 99999 | 14794 | 1 | 0/18/20 | 10 | j, | 0/28/10 | |

Well 3

| API Number | Fed Well I | Fed Well Name | | | Twp | Rng | County |
|----------------|--------------------------|-----------------------|------------|----------------|-----|-----|---------------------------------|
| 4300750046 | Prickly Pear UF 15-15 | 5D-12-15 | NESE | 15 | 128 | 15E | Carbon |
| Action Code | Current Entity Number | New Entity Number | s | pud Da | te | | ity Assignment ffective Date |
| Α | 99999 | 17829 | 1 | 0/17/20 | 10 | 10 | 0/28/10 |
| Comments: Spud | ding Operation was con | ducted by Pete Martin | Drilling @ |) 12:00 USE | pm. | € | |

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED

OCT 2 8 2010

Brady Riley

Name (Please Print)
Brady Riley

Signature
Permit Analyst 10/28/2010

Title Date

(5/2000)

Form 3160-3 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

| BUREAU OF LAND | MANAGEMENT | 5. Lease Serial No. UTU65773 |
|---|---|--|
| APPLICATION FOR PERMIT | TO DRILL OR REENTER | 6. If Indian, Allottee or Tribe Name |
| ia. Type of Work: DRILL REENTER | | 7. If Unit or CA Agreement, Name and No. UTU79487H |
| 1b. Type of Well: Oil Well Gas Well Oth | | Lease Name and Well No. PRICKLY PEAR UNIT FEDERAL 11A-15D-1. |
| BILL BARRETT CORPORATION E-Mail: tfallang@ | TRACEY FALLANG | 9. API Well No. 43-007-50049 |
| 3a. Address 1099 18TH STREET, SUITE 2300 DENVER, CO 80202 | 3b. Phone No. (include area code) Ph: 303.312.8134 | 10. Field and Pool, or Exploratory PRICKLY PEAR |
| 4. Location of Well (Report location clearly and in accorded | nnce with any State requirements.*) | 11. Sec., T., R., M., or Blk. and Survey or Area |
| At surface NESE 1360FSL 1192FEL At proposed prod. zone NESW 2639FSL 2007FWL | | Sec 15 T12S R15E Mer SLB SME: BLM |
| 14. Distance in miles and direction from nearest town or post 48 MILES FROM MYTON, UT | office* | 12. County or Parish 13. State CARBON UT |
| Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) LEASE, >1 MILE UNIT | 16. No. of Acres in Lease 800.00 | 17. Spacing Unit dedicated to this well 20.00 |
| Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1075 | 19. Proposed Depth 8400 MD | 20. BLM/BIA Bond No. on file WYB000040 |
| | 7800 TVD | |
| 21. Elevations (Show whether DF, KB, RT, GL, etc. 7089 GL | 22. Approximate date work will start 09/07/2010 | 23. Estimated duration 40 DAYS (D&C) |
| | 24. Attachments | |
| The following, completed in accordance with the requirements o | f Onshore Oil and Gas Order No. 1, shall be attached to | this form: |
| Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off | Item 20 above). | ns unless covered by an existing bond on file (see |
| | | |
| 25. Signature (Electronic Submission) | Name (Printed/Typed) TRACEY FALLANG Ph: 303.312.8134 | Date 07/27/2010 |
| Title REGULATORY ANALYST | | |
| Approved by (Signature) | Name (Printed/Typed) SIDMANY Through | Date 9/24/10 |
| ACTING FIELD MANAGER | Office PRICE FIELD | OFFICE |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Additional Operator Remarks (see next page)

Conditions of approval, if any, are attached.

HECEIVED

NOV 1 5 2010

Electronic Submission #90290 verified by the BLM Well Information System For BILL BARRETT CORPORATION, sent to the Moab

Committed to AFMSS for processing by ANITA JONES on 07/30/2010 (10AIJ0255AE)V. OF OIL, GAS & MINING

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED



UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**



125 SOUTH 600 WEST

PRICE, UT 84501

(435) 636-3600



Company:

Bill Barrett Corporation

Surface Location: NESE-Sec 15-T12S-R15E

Well No:

Prickly Pear Unit Federal 11A-15D-12-15 Lease No:

UTU-65773

API No:

43-007-50049

Agreement:

UTU-79487H

OFFICE NUMBER:

(435) 636-3600

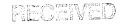
OFFICE FAX NUMBER: (435) 636-3657

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

| Location Construction (Notify NRS) | - | Forty-Eight (48) hours prior to construction of location and access roads. |
|--|---|---|
| Location Completion (Notify NRS) | - | Prior to moving on the drilling rig. |
| Spud Notice (Notify Petroleum Engineer) | - | Twenty-Four (24) hours prior to spudding the well. |
| Casing String & Cementing (Notify Petroleum Eng. Technician) | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings. |
| BOP & Related Equipment Tests (Notify Petroleum Eng. Technician) | - | Twenty-Four (24) hours prior to initiating pressure tests. |
| First Production Notice (Notify Petroleum Engineer) | | Within Five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |



Page 2 of 8 Date: 9/22/2010

Well: Prickly Pear Unit Federal 11A-15D-12-15

DRILLING PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DRILLING & PRODUCTION COAS

- While drilling the surface hole with air, a float valve shall be run above the bit, per Onshore Order #2 Part III.E Special Drilling Operations.
- Bill Barrett Corporation (BBC) proposed the possibility of using several different grades of production casing (including N-80, I-80, I-100 and P-110). Per subsequent conversations with BBC, BBC stated only P-110 grade production casing will be used for this well. Therefore, use of N-80, I-80 and I-100 casing is not approved for use in this well, however the use of any of these grades may be requested in the future by sundry notice.
- A cement bond log (CBL) shall be run to determine the top of cement behind the production casing, and a field copy sent to the Price Field Office.
- A complete set of angular deviation and directional surveys for this directional well will be submitted to the Price Field Office petroleum engineer within 30 days of completing the well.
- A copy of the approved Application for Permit to Drill (APD) for this well shall be on location at all times once drilling operations have commenced.

VARIANCES GRANTED

- BBC's request for variance to not use de-duster equipment (Onshore Order #2 Part III.E Special Drilling Operations) is granted, unless the air/mist system is not used.
- BBC's request for variance to use an electronic flow meter for gas measurement (Onshore Order #5 Measurement of Gas) is granted as long as it meets or exceeds the requirements of Utah NTL 2007-1 regarding the use of Electronic Flow Computers.
- BBC's request for variance from Onshore Order #5 Part III.C.3 Gas Measurement by Orifice Meter to use a flow conditioner on this well instead of straightening vanes is approved with the following conditions:
 - 1. Flow conditioners must be installed in accordance with the manufacturer's specifications.
 - 2. The make, model, and location of flow conditioner must be clearly identified and available to BLM on-site at all times.
 - 3. This is a provisional approval that is subject to change pending final review and analysis by BLM. If BLM determines that this flow conditioner cannot meet or exceed the minimum standards required by Onshore Order #5, you will be required to retrofit the installation to comply with BLM requirements, or replace the installation with one that complies with AGA Report Number 3, 1985. The time frame for compliance will be specified by the Price Field Office.

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Date: 9/22/2010 Well: Prickly Pear Unit Federal 11A-15D-12-15

STANDARD OPERATING REQUIREMENTS

- The requirements included in Onshore Order #2 Drilling Operations shall be followed.
- The Price Field Office petroleum engineer will be notified 24 hours verbally prior to spudding the well.
- Notify the Price Field Office petroleum engineering technician at least 24 hours in advance of casing cementing operations, BOPE tests and casing pressure or mud weight equivalency tests.
- Should H₂S be encountered in concentrations greater than 100 ppm, the requirements of Onshore Order #6 Hydrogen Sulfide Operations shall be followed.
- Any deviation from the permitted APD's proposed drilling program shall have prior approval from the petroleum engineer. Changes may be requested verbally (to be followed by a written sundry sent to this office), or submitted by written sundry if time warrants.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed. The
 closing unit controls shall remain unobstructed and readily accessible at all times, and choke
 manifolds shall be located outside of the rig substructure.
- BOP testing shall be conducted within 24 hours of drilling out from under the surface casing, and weekly thereafter as specified in Onshore Order #2.
- All BOPE components shall be inspected daily, and the inspections recorded in the daily drilling report. Components shall be operated and tested, as required by Onshore Order #2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder, and not by the rig pumps. Test results shall be reported in the driller's log.
- All casing strings below the conductor pipe shall be pressure tested to .22 psi/foot or 1500 psi (whichever is greater), but not to exceed 70% of the internal yield pressure.
- No aggressive/fresh hard-banded drill pipe shall be used in the casing design. The proposed use of non-API standard casing must be approved in advance by the petroleum engineer.
- During drilling operations, daily drilling reports shall be submitted by sundry on a weekly basis to the Price Field Office. Within 30 days of finishing drilling and completion operations, a chronological daily operations history shall be submitted by sundry to this office.
- A copy of all logs run on this well shall be submitted digitally (in PDF or TIFF format) to the Price Field Office.
- The venting or flaring of gas while initially testing the well shall be done in accordance with the
 requirements specified in Notice to Lessees #4A, and shall not exceed a period of 30 days or
 the production of 50 MMCF of gas, whichever occurs first. Additional time needed to vent or
 flare gas during production operations requires prior approval from the Price Field Office.
- Should this well be successfully completed as a producing well, the Price Field Office must be notified within 5 business days following the date the well has first sales.

Page 4 of 8

Date: 9/22/2010 Well: Prickly Pear Unit Federal 11A-15D-12-15

STANDARD OPERATING REQUIREMENTS (cont.)

- Proposed production operations that involve: 1) the commingling of production from wells located on-lease or off-lease, 2) off-lease measurement, or 3) off-lease storage shall have prior written approval from the Price Field Office.
- Operators shall meet the requirements listed in Onshore Order #4 Measurement of Oil and Onshore Order #5 Measurement of Gas. New oil and gas meters shall be calibrated prior to initial product sales. The operator (or its contractors) is responsible for providing the date and time of the initial meter calibration (and all future meter proving schedules) to the petroleum engineering technician. Copies of all meter calibration reports that are performed shall be submitted to the Price Field Office.
- In accordance with 43 CFR 3162.4-3, this well's production data shall be reported on the "Monthly Report of Operations" starting with the month in which operations commence and continue each month until the well is plugged and abandoned.
- The operator is responsible for submitting the information required in 43 CFR 3162.4-1 Well Records and Reports, including BLM Form 3160-4, Well Completion and Recompletion Report and Log which must be submitted to the Price Field Office within 30 days of completing the well.
- Onshore Order #7 authorizes the disposal of water produced from this well in the reserve pit for a period of 90 days after the date of initial production. A permanent disposal method must be submitted and approved by this office, and in operation prior to the end of this 90-day period.
- The requirements of Onshore Order #3 Site Security shall be implemented, and include (as applicable): 1) all lines entering and leaving hydrocarbon storage tanks shall be effectively sealed and seal records maintained, 2) no by-passes are allowed to be constructed around gas meters, 3) a site facility diagram shall be submitted to the Price Field Office within 60 days following construction of the facilities.
- Additional construction that is proposed, or the proposed alteration of existing facilities (including roads, gathering lines, batteries, etc.), which will result in the disturbance of new ground, requires prior approval of the Price Field Office natural resource specialist.
- This well and its associated facilities shall have identifying signs on location in accordance with 43 CFR 3162.6 requirements.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the Price Field Office natural resource specialist.
- The Price Field Office petroleum engineer shall be notified 24 hours in advance of the plugging of the well (unless the plugging is to take place immediately upon receipt of oral approval), so that a technician may have sufficient time to schedule and witness the plugging operations.
- If operations are to be suspended on a well for more than 30 days, prior approval of the Price Field Office shall be obtained, and notification also given before operations resume.

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Date: 9/22/2010

Well: Prickly Pear Unit Federal 11A-15D-12-15

SURFACE USE CONDITIONS OF APPROVAL

Project Name: BBC Prickly Pear Drilling Program One Multiple Well Location

Operator: Bill Barrett Corporation

List of Wells:

| Name | Number | Section | TWP/RNG |
|---|---|---------|---------|
| Prickly Pear Unit Federal Prickly Pear Unit Federal Prickly Pear Unit Federal | 16-15D-12-15 9-15D-12-15 15-15D-12-15 | 15 | 12S/15E |
| Prickly Pear Unit Federal Prickly Pear Unit Federal | 10-15D-12-15 11A-15D-12-15 | | |

I To be followed as Conditions of Approval:

The following attachments from the Record of Decision West Tavaputs Plateau Natural Gas Full Field Development Plan:

| Attachment 2 | Conditions of Approval and Stipulations |
|--------------|---|
| Attachment 3 | Green River District Reclamation Guidelines |
| Attachment 4 | Programmatic Agreement |
| Attachment 5 | Special Protection Measures for Wildlife |
| Attachment 6 | Agency Wildlife Mitigation Plan |
| Attachment 7 | Long-Term Monitoring Plan for Water Resources |
| Attachment 8 | Mitigation Compliance and Monitoring Plan |
| | |

II Site Specific Conditions of Approval

- 1. A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact the BLM Authorized Officer Don Stephens @ 435-636-3608 at least 48-hours prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved APD(s), project map and BLM Conditions of Approval pertinent to the work that each will be doing.
- 2. The cuttings trench shall be lined.
- 3. The cuttings shall not be removed from the location without prior approval of the Authorized Officer.
- 4. The operator shall follow the attached Upper Colorado River Recovery Program guidance.
- 5. The operator shall on an annual basis report to the BLM the acre feet of water used for the project with a total for each type of source. This report shall contain the information found under monitoring

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Well: Prickly Pear Unit Federal 11A-15D-12-15

on page 53 of attachment 9 (Biological Opinion) of the WTP ROD and shall be reported to BLM by September 15, of each year.

- 6. When water is pumped directly from Nine Mile Creek or perennial drainages, the following measures shall be applied to reduce or eliminate direct impacts to habitat for the Colorado River fish species. Where directed by the BLM, the operator will construct erosion control devices (e.g., riprap, bales, and heavy vegetation) at culvert outlets. All construction activities shall be performed to retain natural water flows.
- 7. Contact Don Stephens, Natural Resource Specialist, (435) 636-3608, Bureau of Land Management, Price Field Office, if there are any questions concerning these surface use COAs.

III Standard Conditions of Approval

A. General

1. If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO).

B. Construction

- 1. Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material.
- 2. During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
- 3. The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

C. Operations/Maintenance

1. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.

D. Dry Hole/Reclamation

1. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice.

Page 7 of 8 Date: 9/22/2010

Well: Prickly Pear Unit Federal 11A-15D-12-15

- 2. BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
- 3. A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
- 4. For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.

E. Producing Well

- 1. An interim reclamation plan shall be submitted to BLM within 90 days of APD approval.
- 2. Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
- 3. Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.

F. Roads and Pipelines

- 1. Roads constructed on BLM lands shall be constructed to allow for drainage and erosion control. The operator is responsible for maintenance of all roads authorized through the lease or right-of-way. Construction and maintenance shall comply with Class III Road Standards with a 16-ft wide graveled travel surface as described in BLM Manual Section 9113, and the BLM Gold Book standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, and headcut restoration/prevention.
- 2. The operator may be required to provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
- 3. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

Page 8 of 8 Date: 9/22/2010

Well: Prickly Pear Unit Federal 11A-15D-12-15

Upper Colorado River Recovery Program

In addition, the applicant has agreed to have the Upper Colorado River Recovery Program (Recovery Program) serve as a conservation measure within the proposed action. The following paragraphs further clarify the Recovery Program's role.

In determining if sufficient progress has been achieved under the Recovery Program, we consider--a) actions which result in a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction; b) status of fish populations; c) adequacy of flows; and, d) magnitude of the Project impact. In addition, we consider support activities (funding, research, information, and education, etc.) of the Recovery Program if they help achieve a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction. We evaluate progress separately for the Colorado River and Green River Subbasins; however, it gives due consideration to progress throughout the Upper Basin in evaluating progress toward recovery.

Depletion impacts can be offset by--a) the water Project proponent's one-time contribution to the Recovery Program in the amount of \$18.99 per acre-foot of the Project's average annual depletion; b) appropriate legal protection of instream flows pursuant to State law; and, c) accomplishment of activities necessary to recover the endangered fishes as specified under the RIPRAP. We believe it is essential that protection of instream flows proceed expeditiously, before significant additional water depletions occur. As the project's peak annual new depletion of 289.78 acre-feet is below the current sufficient progress threshold of 4,500 acre-feet, Recovery Program activities will serve as the conservation measures to minimize adverse affects to the Colorado pikeminnow, razorback sucker, humpback chub, and bonytail and destruction or adverse modification of critical habitat caused by the project's new depletion.

With respect to (a) above (i.e., depletion charge), the applicant will make a one-time payment which has been calculated by multiplying the Project's peak annual depletion (289.78 acre-feet) by the depletion charge in effect at the time payment is made. For Fiscal Year 2010 (October 1, 2009, to September 30, 2010), the depletion charge is \$18.99 per acre-foot for the average annual depletion which equals a total payment of \$5,502 for this Project. A minimum of 10% of the total payment will be provided to the Service's designated agent, the National Fish and Wildlife Foundation (Foundation), at the time of issuance of the Federal approvals from the BLM, with the rest to be paid when construction commences. Fifty percent of the funds will be used for acquisition of water rights to meet the instream flow needs of the endangered fishes (unless otherwise recommended by the Implementation Committee); the balance will be used to support other recovery activities for the Colorado River endangered fishes. All payments should be made to the National Fish and Wildlife Foundation.

National Fish and Wildlife Foundation 1133 15th Street, NW Suite 1100 Washington, DC 20005

Each payment is to be accompanied by a cover letter that identifies the Project and biological opinion that requires the payment, the amount of payment enclosed, check number, and any special conditions identified in the biological opinion relative to disbursement or use of the funds (there are none in this instance). A copy of the cover letter and of the check is to be sent directly to the Service field office that issued the biological opinion. The cover letter shall identify the name and address of the payor, the name and address of the Federal Agency responsible for authorizing the Project, and the address of the Service office issuing the biological opinion. This information will be used by the Foundation to notify the payor, the lead Federal Agency, and the Service that payment has been received. The Foundation is to send notices of receipt to these entities within 5 working days of its receipt of payment.

| | STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES | | FORM 9 | |
|--|--|---|---|--|
| | DIVISION OF OIL, GAS, AND MINING | G . | 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-65773 | |
| SUNDF | RY NOTICES AND REPORTS ON | I WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | |
| | sals to drill new wells, significantly deepen exist igged wells, or to drill horizontal laterals. Use A | | 7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR | |
| 1. TYPE OF WELL Gas Well | | | 8. WELL NAME and NUMBER: PRICKLY PEAR UNIT FED 11A-15D-12-15 | |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | | 9. API NUMBER: 43007500490000 | |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D | PHONE N Denver, CO, 80202 303 312-81 | | 9. FIELD and POOL or WILDCAT: PRICKLY PEAR | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1360 FSL 1192 FEL | | | COUNTY: CARBON | |
| QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESE Section: 15 | P, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian: S | | STATE: UTAH | |
| 11. CHE | CK APPROPRIATE BOXES TO INDICATE N | ATURE OF NOTICE, REPORT, | OR OTHER DATA | |
| TYPE OF SUBMISSION | | TYPE OF ACTION | | |
| This sundry is being and verbally approv | CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF | ng procedures discussed quipment installations. 303-312-8115. | • | |
| | | Ву | y: | |
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst | | |
| SIGNATURE N/A | | DATE 12/21/2010 | | |
| | | | | |

General Well Testing

Initial testing of wells would occur within 15 days of first sales and would be a 1-3 day test to get a baseline for allocation. After the initial test is performed, testing would occur within 90 days thereafter, testing each well for approximately 3 days and rotating through the wells without any downtime between tests.

As both Prickly Pear and Peter's Point have participating areas (PA) and wells drilled from each pad could include both PA and non-PA wells, specific procedures are implemented for these situations. PA and non-PA will always be measured separately and production would not be combined together within the same tanks. All wells drilled are within units. These procedures are as follows:

- Isolate the PA test tank(s);
- 2) Transfer any remaining liquids from the test tank(s) to the PA production tank(s);
- 3) Strap the starting fluid levels in the test tank(s);
- 4) Note date and time of beginning test, document and record in eVIN;
- 5) Flow test well into test tank(s) for pre-determined period, not to be less than a 24 hour period;
- 6) Isolate the test tank(s), divert the test well's production to the in PA production tank(s);
- 7) Strap the ending fluid levels in the test tank(s);
- 8) Record and document the length of test time, amount of oil produced, amount of water produced and amount of gas produced (through wellhead meter) for the test period into eVIN;
- 9) Procedures for non-PA would be same steps as 1-8.

Details specific to the **Prickly Pear SE 22 pad** are as follows:

| Well Name | | Drill | Lease | | |
|-----------------------|-------------------|--------------------|---------|-------------|---|
| Prickly Pear Unit Fed | API | Phase ¹ | UTU- | PA Boundary | Facilities (SE 22 pad) |
| | | | | | |
| 15A-22D-12-15 | not yet permitted | 2 | 11604 | In | |
| 11A-22D-12-15 | not yet permitted | 2 | 11604 | ln | |
| 2A-27D-12-15 | not yet permitted | 2 | 0137844 | ln | 1) All wells proposed on this pad are within the PA; |
| 10-22D-12-15 | 4300750042 | 1 | 11604 | În | 2) Liquids to be piped to a central tank battery (CTB) on the existing Prickly Pear 3-22 pad/CTB location. Two buried lines were laid |
| 2-27D-12-15 | 4300750044 | 1 | 0137844 | In | from the pad to the CTB, one 6" inch PA and one 2" test line PA. Liquids to be combined |
| 10A-22D-12-15 | not yet permitted | 2 | 11604 | ln | with existing PA production from the eight 3- 22 pad wells and other future pad production |
| 9A-22D-12-15 | not yet permitted | 2 | 11604 | In | (NE 22, SE 15, etc.). PA and non-PA production would be kept separate; 3) One 12" inch buried gas line to the main |
| 1A-27D-12-15 | not yet permitted | 2 | 0137844 | ln | tie-in was laid (adjacent to the existing line). 4) Up to 13 625-bbl and 400-bbl tanks would |
| 16-22D-12-15 | 4300750043 | 1 | 11604 | ln | be located on the CTB and one low-profile 300 bbl tank may be located on the pad. |
| 16A-22D-12-15 | not yet permitted | 2 | 11604 | In | |
| 9-22D-12-15 | 4300750041 | 1 | 11604 | In | |

¹Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

Details specific to the Prickly Pear NE 22 pad are as follows:

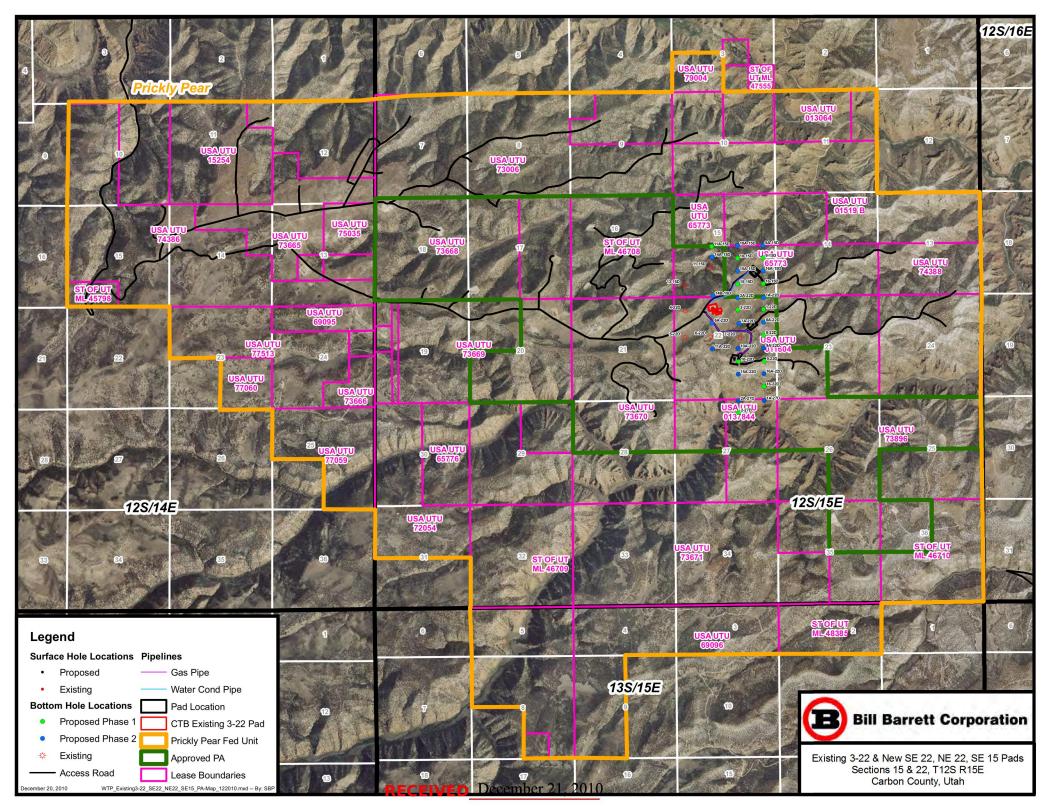
| Well Name | | D.:!II | Lease | D.A. | |
|-----------------------|-------------------|-----------------------------|-------|----------------|---|
| Prickly Pear Unit Fed | API | Drill Phase ¹ | UTU- | PA Boundary | Facilities (NE 22 pad) |
| 6A-22D-12-15 | not yet permitted | 2 | 11604 | ln | |
| 7A-22D-12-15 | not yet permitted | 2 | 11604 | ln | 1) All wells proposed on this pad are within the PA; 2) Liquids to be piped to a central tank battery (CTB) |
| 14B-15D-12-15 | not yet permitted | 2 | 65773 | ln | on the existing Prickly Pear 3-22 pad/CTB location. Two buried lines were laid from the pad to |
| 2-22D-12-15 | 4300750077 | 1 | 11604 | ln | the CTB, one 6" inch PA and one 2" test line PA. Liquids to be combined with existing PA |
| 2A-22D-12-15 | not yet permitted | 2 | 11604 | ln | production from the eight 3-22 pad wells and other future pad production (NE 22, SE 15, etc.). PA and non-PA production would be kept separate; |
| 1A-22D-12-15 | not yet permitted | 2 | 11604 | ln | 3) One 12" inch buried gas line to the main tie-in was laid (adjacent to the existing line). |
| 1-22D-12-15 | 4300750076 | 1 | 11604 | ln | 4) Up to 13 625-bbl and 400-bbl tanks would be located on the CTB and one low-profile 300 bbl tank |
| 8-22D-12-15 | 4300750078 | 1 | 11604 | ln | may be located on the pad. |
| 8A-22D-12-15 | not yet permitted | 2 | 11604 | ln | |

¹Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

Details specific to the **Prickly Pear SE 15 pad** are as follows:

| Details specific to the Prickly Pear SE 15 pag are as follows: | | | | | | | | | | |
|---|-------------------|-----------------------------|----------------------|----------------|--|--|--|--|--|--|
| Well Name Prickly Pear Unit Fed | API | Drill Phase ¹ | Lease UTU- | PA Boundary | Facilities (SE 15 pad) | | | | | |
| Trickly Fear Office | | Tilase | | Doundary | racinces (SE 15 pau) | | | | | |
| 16-15D-12-15 | 4300750045 | 1 | 65773 | Out | | | | | | |
| 16A-15D-12-15 | not yet permitted | 2 | 65773 | Out | 1) Wells proposed on this pad are a combination of PA and | | | | | |
| 14A-15D-12-15 | not yet permitted | 2 | 65773 | In | non-PA wells; 2) Liquids to be piped to a central tank battery (CTB) on the | | | | | |
| 9-15D-12-15 | 4300750048 | 1 | 65773 | Out | existing Prickly Pear 3-22 pad/CTB location. Four buried lines were laid from the pad to the CTB, one 6" inch PA and | | | | | |
| 9A-15D-12-15 | not yet permitted | 2 | 65773 | Out | one 2" inch PA test, one 2" inch non-PA and one 2" inch non-PA test. PA liquids from this pad would be combined with PA production from the eight 3-22 pad wells and other | | | | | |
| 15A-15D-12-15 | not yet permitted | 2 | 65773 | Out | future pad production (NE 22, SE 22, etc) and non-PA liquids would be combined separately. | | | | | |
| 11A-15D-12-15 | 4300750049 | 1 | 65773 | In | 3) One 12" inch buried gas line to the main tie-in was laid.4) Up to 13 625-bbl and 400-bbl tanks would be located on | | | | | |
| 15-15D-12-15 | 4300750046 | 1 | 65773 | Out | the CTB and one low-profile 300 bbl tank may be located on the pad. | | | | | |
| 10A-15D-12-15 | not yet permitted | 2 | 65773 | Out | | | | | | |
| 10-15D-12-15 | 4300750047 | 1 | 65773 | Out | | | | | | |

¹Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.



Carol Daniels - Moving Patterson rig 51 T125 R15E 5-15

"Rod Wirth" From:

"Walton Willis" , "Doug Sproul" , "Marvin Hendricks" , "Carol Daniels" , "Elaine Winick" , "Tracey Fallang" , "Troy Schindler" , "Randy Bywater" , "Don Stephens" , "Alan Walker" , "Brent Murphy" , "Dominic Spencer" To:

1/15/2011 11:22 AM Date: Subject: Moving Patterson rig 51

All,

We are currently preparing to skid & move Patterson rig 51 from Prickly Pear Unit Fed. 15-15D-12-15 (API #43-007-50046-00-X1) to the Prickly Pear Unit Fed. 11A-15D-12-15 (API #43-007-50049-00-X1). We will be doing this today, 1/15/2011 and tomorrow 1/16/2011. We will nipple up the BOP on the evening of the 16th. I anticipate pressure testing the BOP equipmet at approx 12:00 mid nite on the 16th. I will contact the BLM PE techs by land

Rod Wirth Bill Barrett Corporation Inc. 303-353-5451 (rig phone)

> RECEIVED JAN 1 9 2011

| | STATE OF UTAH | | | | FORM 9 |
|--|---|----------------------------|--|-----------------|---|
| | DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M | | 3 | 5.LEAS UTU-6 | E DESIGNATION AND SERIAL NUMBER: 5773 |
| SUNDF | RY NOTICES AND REPORT | S ON | WELLS | 6. IF I | NDIAN, ALLOTTEE OR TRIBE NAME: |
| Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals. | sals to drill new wells, significantly deep igged wells, or to drill horizontal laterals | en exist s. Use A | ing wells below current PPLICATION FOR PERMIT TO | | Or CA AGREEMENT NAME: |
| 1. TYPE OF WELL Gas Well | | | | | L NAME and NUMBER: (LY PEAR UNIT FED 11A-15D-12-15 |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | | | | NUMBER: '500490000 |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D | | H ONE N I 312-81 | | | D and POOL or WILDCAT: ILY PEAR |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1360 FSL 1192 FEL | | | | COUNT | |
| QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESE Section: 15 | rp, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian | ı: S | | STATE: UTAH | |
| 11. CHE | CK APPROPRIATE BOXES TO INDIC | ATE N | ATURE OF NOTICE, REPORT | , OR OT | HER DATA |
| TYPE OF SUBMISSION | | | TYPE OF ACTION | | |
| _ | ACIDIZE | | ALTER CASING | | CASING REPAIR |
| NOTICE OF INTENT Approximate date work will start: | ☐ CHANGE TO PREVIOUS PLANS ☐ CHANGE WELL STATUS | _ | CHANGE TUBING COMMINGLE PRODUCING FORMATIONS | | CHANGE WELL NAME CONVERT WELL TYPE |
| SUBSEQUENT REPORT | DEEPEN | _ | COMMINGLE PRODUCING FORMATIONS | | NEW CONSTRUCTION |
| Date of Work Completion: | OPERATOR CHANGE | _ | PLUG AND ABANDON | | PLUG BACK |
| SPUD REPORT | ☐ PRODUCTION START OR RESUME | | RECLAMATION OF WELL SITE | | RECOMPLETE DIFFERENT FORMATION |
| Date of Spud: | REPERFORATE CURRENT FORMATION | □ s | SIDETRACK TO REPAIR WELL | | TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | | VENT OR FLARE | | WATER DISPOSAL |
| ✓ DRILLING REPORT Report Date: | ☐ WATER SHUTOFF | | SI TA STATUS EXTENSION | | APD EXTENSION |
| 1/1/2011 | ☐ WILDCAT WELL DETERMINATION | | OTHER | отн | ER: |
| | ompleted operations. Clearly show all p nuary Monthly Activity Repor | | | volumes, | etc. |
| | rually Monthly Activity Repor | it atte | | Accep | ted by the |
| | | | | | Division of |
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| | | | | | |
| | | | | | |
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBE 303 312-8115 | R | TITLE Permit Analyst | | |
| SIGNATURE N/A | | | DATE 2/2/2011 | | |



Prickly Pear Fed. #11A-15D-12-15 1/15/2011 06:00 - 1/16/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750049 West Tavaputs 8,295.0 Drilling & Completion

Time Log Summary

Rig down - 4, Skid rig - 8, Nipple up BOPE, will finish rig up tpmorrow - 12

Prickly Pear Fed. #11A-15D-12-15 1/16/2011 06:00 - 1/17/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750049 West Tavaputs Primary Job Type B,295.0 Drilling & Completion

Time Log Summary

Move rig & rig up - 8, Test BOPE: Annular to 1500 psi, all other associated eq to 3000 psi for 10 min. checked OK. Function test accumulator, OK. Tested casing to 1000 psi for 30 min. OK. Installed wear sleeve. - 4, Chg bit & motor, orient MWD, trip in hole - 4, Drill cmt, plug & shoe - 3, Drill: 1002 ft to 1209 ft. 207 ft = 41.4 ft/hr - rotate & slide - 5

Prickly Pear Fed. #11A-15D-12-15 1/17/2011 06:00 - 1/18/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750049 West Tavaputs Field Name West Tavaputs Primary Job Type Drilling & Completion

Time Log Summary

Drill; 1209 ft to 1605 ft. 396 ft = 52.8 ft/hr. Mud motor not acting right, stalling. - 7.5, Circ, mix slug for trip - 0.5, Trip out, change motor, orient tools, trip in - 3.5, Rig service, function pipes - 0.5, Drill: 1605 ft to 2668 ft. 1063 ft = 88.6 ft/hr - 12

Prickly Pear Fed. #11A-15D-12-15 1/18/2011 06:00 - 1/19/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750049 West Tavaputs R,295.0 Drilling & Completion

Time Log Summary

Drill: 2668 ft to 3116 ft. 448 ft = 74.7 ft/hr - 6, Rig service, kill rate, func. pipes - 0.5, Drill; 3116 ft to 3976 ft. 860 ft = 74.8 ft/hr - 11.5, Fire in Magnetic starter panel in generator panel. Circ & work pipe, wait on electrician - 6

Prickly Pear Fed. #11A-15D-12-15 1/19/2011 06:00 - 1/20/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type West Tavaputs 8,295.0 Drilling & Completion

Time Log Summary

Repair generator - 7, Drill: 3976 ft to 4272. 296 ft = 49.3 ft/hr - 6, Rig service - 0.5, Repair rotary chain - 1, Drill: 4272 to 4738. 466 ft = 49.1 ft/hr - 9.5

Prickly Pear Fed. #11A-15D-12-15 1/20/2011 06:00 - 1/21/2011 06:00

Drill; 4738 ft to 5246 ft. 508 ft = 56.4 ft/hr - 9, Rig service, function pipe rams - 0.5, Drill; 5246 ft to 5977 ft. 731 ft = 50.4 ft/hr - 14.5

Prickly Pear Fed. #11A-15D-12-15 1/21/2011 06:00 - 1/22/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750049 West Tavaputs 8,295.0 Drilling & Completion

Time Log Summary

Drill 5977 ft to 6389 ft. 412 ft = 35.8 ft/hr - 11.5, Rig service, function pipes & annular - 0.5, Drill; 6389 ft to 6866 ft - 12

Prickly Pear Fed. #11A-15D-12-15 1/22/2011 06:00 - 1/23/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type West Tavaputs 8,295.0 Drilling & Completion

Time Log Summary

Drill: 6866 ft to 6950 ft. 84 ft = 42 ft/hr - 2, Circ, pump sweep around - 1.5, Rig service, adjust brakes - 0.5, Trip out for bit & motor - 3, Broke brake band on drillers side. WO parts & repair same - 17

Prickly Pear Fed. #11A-15D-12-15 1/23/2011 06:00 - 1/24/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750049 West Tavaputs Primary Job Type 8,295.0 Drilling & Completion

Time Log Summary

Install new brake bands - 1, Trip out of hole-tight from bottom of Wasatch to 300 ft below surface casing. Did not pick up Kelly. - 6, Change bit & motor, orient tools, function blinds & pipes - 2, Trip in hole, washed out one bridge @ 3670 ft. - 7, Drill: 6950 ft to 7339 ft. 389 ft = 48.6 ft/hr - 8

Prickly Pear Fed. #11A-15D-12-15 1/24/2011 06:00 - 1/25/2011 06:00

Time Log Summary

Drill: 7339 ft to 7530 ft. 191 ft = 20.1 ft/hr - 9.5, Rig service - 0.5, Drill: 7530 to 7816. 286 ft = 20.4 ft/hr. - 14

Prickly Pear Fed. #11A-15D-12-15 1/25/2011 06:00 - 1/26/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750049 West Tavaputs R,295.0 Drilling & Completion

Time Log Summary

Drill f/7816-7975 - 9.5, Rig service, function pipe rams - 0.5, Drill f/7975-8102 - 7, Pull 5 stds. - 0.5, Work on rotary sprocket - 6.5

www.peloton.com Page 1/2 Report Printed: 2/2/2011 RECEIVED February 02, 2011



Prickly Pear Fed. #11A-15D-12-15 1/26/2011 06:00 - 1/27/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750049 West Tavaputs R,295.0 Drilling & Completion

Time Log Summary

Wait on rotary sprocket and replace - 7.5, Trip in 5 stands - 1, Drill f/8102-8295 - 10, Circ. - 1, Short trip 10 stands - 2, Pump sweep and circ for logs - 2.5

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750049
Time Log Summary

West Tavaputs Well Status Total Depth (ftKB) Primary Job Type 8,295.0 Drilling & Completion

Circ f/logs - 0.5, Trip out f/logs - 5, Lay down directional tools - 1, Open hole logs w/ Halliburton, logger's depth-8280' - 7, Cut and slip drilling line - 1.5, Pull wear bushing - 0.5, Trip in - 4.5, Circ. to laydown pipe and run casing - 2.5, Lay down drill pipe - 1.5

Prickly Pear Fed. #11A-15D-12-15 1/28/2011 06:00 - 1/29/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750049 West Tavaputs 8,295.0 Drilling & Completion

Time Log Summary

Lay down drill pipe - 6.5, Run 4 1/2" P-110 11.6 ppf. production casing - 8, Circ and drop vis and condition mud for cement job - 3, Cement casing - 4, Nipple down BOPE and set casing slips W/30,000 over string wt. String wt.=112,000, Slip set wt.=142,000; Release rig @0600 1/29/2011 - 2.5

www.peloton.com Page 2/2 Report Printed: 2/2/2011 RECEIVED February 02, 2011

Carol Daniels - Running Production 4.5" 11.6ppf HCP110 Casing Prickly Pear 11A-15D-12-15

T125 RISE 5-15 43-607-50049

From:

Doug Sproul

To:

"waltonwillis@yahoo.com", "walton willis@blm.gov", "caroldaniels@utah.gov"

Date:

1/28/2011 6:26 AM

Subject: Running Production 4.5" 11.6ppf HCP110 Casing Prickly Pear 11A-15D-12-15

CC:

"DocAsay@DocAsayConsulting.com", "mhendric@blm.gov", Brady Riley, Tracey Fallang

FYI, please see Doc's email below.

Regards,

Doug Sproul

Drilling Engineer

Direct: 303.312.8174 | Cell: 303.653.3518 | Fax: 303.291.0420

1099 18th St. Suite 2300, Denver, CO 80202

dsproul@billbarrettcorp.com



From: Doc Asay [mailto:DocAsay@DocAsayConsulting.com]

Sent: Thursday, January 27, 2011 6:21 PM To: Alan Walker; Randy Bywater; Doug Sproul

Cc: Dan Jarvis; Dennis Ingram

Subject:

Alan and Randy, We should be running the production casing on the 11A-15D-12-15 tomorrow afternoon and cementing tomorrow night. I will call you in the morning and let you know about what time we will be cementing. Doc Asay 303-353-5451

> RECEIVED JAN 2 8 2011

| | STATE OF UTAH DEPARTMENT OF NATURAL RESOUR | CEC | FORM 9 |
|---|---|-----------------------------|---|
| | DIVISION OF OIL, GAS, AND M | | 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-65773 |
| SUND | RY NOTICES AND REPORTS | ON WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| | sals to drill new wells, significantly deepe Igged wells, or to drill horizontal laterals. | | 7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR |
| 1. TYPE OF WELL Gas Well | | | 8. WELL NAME and NUMBER: PRICKLY PEAR UNIT FED 11A-15D-12-15 |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | | 9. API NUMBER: 43007500490000 |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D | | ONE NUMBER: 312-8164 Ext | 9. FIELD and POOL or WILDCAT: PRICKLY PEAR |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1360 FSL 1192 FEL QTR/QTR, SECTION, TOWNSHI | P, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian: | c | COUNTY: CARBON STATE: |
| tı. | Township. 12.05 Kange. 15.0E Mendian. | 3 | UTAH |
| | CK APPROPRIATE BOXES TO INDICA | ATE NATURE OF NOTICE, REPO | ORT, OR OTHER DATA |
| TYPE OF SUBMISSION | | TYPE OF ACTION | |
| | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| NOTICE OF INTENT Approximate date work will start: | CHANGE TO PREVIOUS PLANS | CHANGE TUBING | CHANGE WELL NAME |
| | CHANGE WELL STATUS | COMMINGLE PRODUCING FORMATI | |
| SUBSEQUENT REPORT Date of Work Completion: | L DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| | ☐ OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| SPUD REPORT Date of Spud: | ☐ PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ☐ RECOMPLETE DIFFERENT FORMATION |
| | ☐ REPERFORATE CURRENT FORMATION | SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| ✓ DRILLING REPORT | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| Report Date: 2/28/2011 | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | APD EXTENSION |
| , , , | ☐ WILDCAT WELL DETERMINATION | ☐ OTHER | OTHER: |
| | MPLETED OPERATIONS. Clearly show all populary Monthly Activity Repor | | ths, volumes, etc. |
| | | F | Accepted by the Utah Division of Oil, Gas and Mining OR RECORD ONLY |
| | | | |
| NAME (PLEASE PRINT) Brady Riley | 303 312-8115 | R TITLE Permit Analyst | |
| SIGNATURE N/A | | DATE 3/2/2011 | |



Prickly Pear Fed. #11A-15D-12-15 2/12/2011 06:00 -2/13/2011 06:00

Total Depth (ftKB) Primary Job Type State/Province Field Name Well Status County 4300750049 Utah Carbon West Tavaputs 8,295.0 **Drilling & Completion**

Time Log Summary

Clean off loc. Blade - 12, SIFN - 12

Prickly Pear Fed. #11A-15D-12-15 2/13/2011 06:00 -2/14/2011 06:00

Carbon

Total Depth (ftKB) API/UWI Field Name Well Status Primary Job Type State/Province County West Tavaputs

4300750049 Utah Time Log Summary

MI D&M oil field, White river water truck, RNI Ind. super suck truck. Heat water dump in cellar. Suck out water, mud, oil, wash down cellar. - 12, SIFN - 12

8,295.0

Drilling & Completion

Prickly Pear Fed. #11A-15D-12-15 2/14/2011 06:00 - 2/15/2011 06:00

Total Depth (ftKB) API/UWI State/Province Field Name Well Status Primary Job Type County 4300750049 **Drilling & Completion** Utah Carbon West Tavaputs 8,295.0

Time Log Summary

MI Camrom Wellhead. Cuttoff casing, set tubing head & tree. - 12, SIFN - 12

Prickly Pear Fed. #11A-15D-12-15 2/15/2011 06:00 -2/16/2011 06:00

State/Province Total Depth (ftKB) Primary Job Type Field Name County 4300750049 **Drilling & Completion** Utah Carbon West Tavaputs 8,295.0

Time Log Summary

SI. Production working on pipe lines. - 24

Prickly Pear Fed. #11A-15D-12-15 2/16/2011 06:00 -2/17/2011 06:00

Total Depth (ftKB) Primary Job Type API/UW State/Province County Field Name Well Status 4300750049 Carbon West Tavaputs Utah 8.295.0 **Drilling & Completion**

Time Log Summary

SI - 7, MI set Cathedral flow equip. flow tanks. 6 frac tanks. run line off sand traps to wells. Production working on pipe lines. - 3, Rig Weatherford Wire line. set tree off well. PU 3.625" gauge ring junkbasket. RIH tag fill at 8013 + KB tage at 8030 ft. hard and sticky. Had 52 ft. fill over perf interval #1 @ 8082 through 8092. POOH, run gauge ring in 10-15D, - 2, PU CBL tool. RIH log under 1000 psi, from 8013 ft, to surface pulling 60 FPM holding 1000 psi on casing to log pulled from 8018 to surface. - 3, Set tre on tubing head. - 0.25, SI.wait on frac mandral &tree & goat heat - 8.75

Prickly Pear Fed. #11A-15D-12-15 2/17/2011 06:00 - 2/18/2011 06:00

State/Province County Field Name Total Depth (ftKB) Primary Job Type Utah 4300750049 Carbon 8,295.0 **Drilling & Completion** West Tavaputs

Time Log Summary

SI - 7, Production working on Installation. Rig flow back. load frac water. - 10, SI. - 7

Prickly Pear Fed. #11A-15D-12-15 2/18/2011 06:00 - 2/19/2011 06:00

State/Province County ield Name Total Depth (ftKB) Primary Job Type 4300750049 West Tavaputs Utah Carbon 8,295.0 **Drilling & Completion**

Time Log Summary

SI - 7, MIRU Woodgroup/Camron/ Seaboard, - 0, ND tree. Nipple up Camron frac mandral/ BBC 10K frac tree/ Seaboard Frac Y. Pressure test packing. Cathedral rig flow back/ KB rig in sand trap. Production working on Installation. Load frac water. HES MI sand movers. - 10, SI. - 7

Prickly Pear Fed. #11A-15D-12-15 2/19/2011 06:00 - 2/20/2011 06:00

API/UWI Total Depth (ftKB) State/Province Primary Job Type 4300750049 Utah Carbon West Tavaputs 8,295.0 **Drilling & Completion**

Time Log Summary

SI - 7. MI B&C Quick test. Pressure test frac tree to 8500/ test casing to 8500 psi, test flow back to 8500 psi all test OK held for 15 mins. - 10. SI - 7

www.peloton.com Page 1/1 Report Printed: 3/2/2011

| | STATE OF UTAH | | FORM 9 |
|--|--|--|---|
| | DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN | | 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-65773 |
| SUND | RY NOTICES AND REPORTS | ON WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| | sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. U | | 7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR |
| 1. TYPE OF WELL Gas Well | | | 8. WELL NAME and NUMBER: PRICKLY PEAR UNIT FED 11A-15D-12-15 |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | | 9. API NUMBER: 43007500490000 |
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| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1360 FSL 1192 FEL | | | COUNTY: CARBON |
| QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESE Section: 15 | IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian: S | 5 | STATE: UTAH |
| 11. CHE | CK APPROPRIATE BOXES TO INDICAT | E NATURE OF NOTICE, REPORT, | OR OTHER DATA |
| TYPE OF SUBMISSION | | TYPE OF ACTION | |
| | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
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| | ☐ CHANGE WELL STATUS | \square commingle producing formations | ☐ CONVERT WELL TYPE |
| ✓ SUBSEQUENT REPORT Date of Work Completion: | DEEPEN | FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| 3/3/2011 | OPERATOR CHANGE | PLUG AND ABANDON | ☐ PLUG BACK |
| ☐ SPUD REPORT | ✓ PRODUCTION START OR RESUME | RECLAMATION OF WELL SITE | RECOMPLETE DIFFERENT FORMATION |
| Date of Spud: | REPERFORATE CURRENT FORMATION | SIDETRACK TO REPAIR WELL | ☐ TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | WATER DISPOSAL |
| DRILLING REPORT Report Date: | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | APD EXTENSION |
| | ☐ WILDCAT WELL DETERMINATION | OTHER | OTHER: |
| | DMPLETED OPERATIONS. Clearly show all per DOORT that this well had first sale | es on 3/3/2011 at 5:00 pm | |
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst | |
| SIGNATURE | | DATE 3/4/2011 | |

| | STATE OF UTAH | | FORM 9 |
|---|---|---|---|
| | DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MI | | 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-65773 |
| SUNDI | RY NOTICES AND REPORTS | ON WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| | osals to drill new wells, significantly deeper ugged wells, or to drill horizontal laterals. s. | | 7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR |
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| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1360 FSL 1192 FEL QTR/QTR, SECTION, TOWNSH: | ID DANGE MEDIDIAN. | | COUNTY: CARBON |
| | Township: 12.0S Range: 15.0E Meridian: | S | STATE: UTAH |
| 11. CHE | ECK APPROPRIATE BOXES TO INDICA | TE NATURE OF NOTICE, REPORT, | OR OTHER DATA |
| TYPE OF SUBMISSION | | TYPE OF ACTION | |
| | ☐ ACIDIZE | ALTER CASING | CASING REPAIR |
| NOTICE OF INTENT Approximate date work will start: | CHANGE TO PREVIOUS PLANS | CHANGE TUBING | CHANGE WELL NAME |
| SUBSEQUENT REPORT | CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | CONVERT WELL TYPE |
| Date of Work Completion: | DEEPEN | FRACTURE TREAT | NEW CONSTRUCTION |
| _ | ☐ PRODUCTION START OR RESUME | ☐ PLUG AND ABANDON ☐ RECLAMATION OF WELL SITE | ☐ PLUG BACK ☐ RECOMPLETE DIFFERENT FORMATION |
| SPUD REPORT Date of Spud: | REPERFORATE CURRENT FORMATION | SIDETRACK TO REPAIR WELL | TEMPORARY ABANDON TEMPORARY ABANDON |
| | TUBING REPAIR | ☐ VENT OR FLARE | WATER DISPOSAL |
| ✓ DRILLING REPORT Report Date: | □ WATER SHUTOFF | SI TA STATUS EXTENSION | APD EXTENSION |
| 3/1/2011 | WILDCAT WELL DETERMINATION | □ OTHER | OTHER: |
| 12 DESCRIPE PROPOSED OF CO | | | |
| l . | ompleted operations. Clearly show all ped March Monthly Activity report a | | volumes, etc. |
| | | | Accepted by the |
| | | | Utah Division of |
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| | | | |
| | | | |
| NAME (PLEASE PRINT) | PHONE NUMBER | TITLE | |
| Brady Riley | 303 312-8115 | Permit Analyst | |
| SIGNATURE N/A | | DATE 4/5/2011 | |



| Prickly Pear Fed | l. #11A-15D-12-15 | 3/1/2011 06:00 - | 3/2/2011 06:00 |
|------------------|-------------------|------------------|----------------|
|------------------|-------------------|------------------|----------------|

API/UWI State/Province Well Status Total Depth (ftKB) Field Name Primary Job Type County 4300750049 Utah Carbon West Tavaputs 8,295.0 **Drilling & Completion**

Time Log Summary

SICP: 2800 - 8, Start flow back stages 2-7. Open well to open top tanks. had LELs on surface. SI. Divert to test unit flowing with 15-15D flow back. SI turn 15-15 D to production sales. - 9, 5555 - 7

Prickly Pear Fed. #11A-15D-12-15 3/2/2011 06:00 -3/3/2011 06:00

State/Province Total Depth (ftKB) County Field Name Well Status Primary Job Type Utah Carbon West Tavaputs 8,295.0 **Drilling & Completion**

4300750049 Time Log Summary

Flow back stages 2-7 through Cathedral flow equipment. FCP: 290 psi on 3/4 ck. recovered 467 b bl in 12 hours. Avg. of 39 BPH. CO2 over 40%. H2S:.75 ppm. Co2 & Gas rate of 1.487 mmcfd. venting to flare stack. - 6, FLow back stages 2-7 - 18

Prickly Pear Fed. #11A-15D-12-15 3/3/2011 06:00 - 3/4/2011 06:00

State/Province Field Name Well Status Total Depth (ftKB) Primary Job Type County 4300750049 8,295.0 Utah Carbon West Tavaputs **Drilling & Completion**

Time Log Summary

Flow back stage 2-7 FCP: 290 psi on 3/4 ck. recovered 467 bbl in 22 hours avg. of 21.22 BPH. H2S; .75 ppm. CO2: 40+ %. 2734 bbl left to recover. - 6, Flow back stages 2-7 - 18

Prickly Pear Fed. #11A-15D-12-15 3/6/2011 06:00 -3/7/2011 06:00

State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750049 Utah Carbon West Tavaputs 8,295.0 **Drilling & Completion**

Time Log Summary

Well Flowing to sales - 5, Wait on rig and equipment to traval from Peter's Point to Prickly Pear - 3, MI rig still wait on equipment to RU SDFN - 1, Flowback well to sales - 15

Prickly Pear Fed. #11A-15D-12-15 3/7/2011 06:00 -3/8/2011 06:00

County ield Name Well Status Total Depth (ftKB) Primary Job Type 4300750049 Utah Carbon West Tavaputs 8,295.0 **Drilling & Completion**

Time Log Summary

Safety meeting Well flowing to sale - 0.5, Move Rigs bridge beam from other location to install on well. - 4, RU Bridge seal, RU Wildcay workover uinit - 4, Set Anchor's - 2, Flowback well to sales - 13.5

Prickly Pear Fed. #11A-15D-12-15 3/8/2011 06:00 -3/9/2011 06:00

Total Depth (ftKB) API/UWI County ield Name Primary Job Type 4300750049 Utah Carbon West Tavaputs 8,295.0 **Drilling & Completion**

Time Log Summary

safety meeting - 0.5, MIRU Black Warrior wireline RIH w/ GR/ JB to 5850' POOH MU Nabors composite bridge plug RIH set @ 5800' POOH RDMO - 3, Bleed will down ND frac tree NU stack and BOP's . - 3, MU BIt & POBS 1 jt. XN-Nipple RIH to 5800, 185 jts.SDFN - 4, WSI well secure - 13.5

Prickly Pear Fed. #11A-15D-12-15 3/9/2011 06:00 - 3/10/2011 06:00

API/UWI State/Province Field Name Well Status Total Depth (ftKB) Primary Job Type County 4300750049 Utah Carbon West Tavaputs 8,295.0 **Drilling & Completion**

Time Log Summary

Safety meeting - 0.5, RU Power swivel while checking out string flow it dropped to bottom - 0.5, POOH to retrive string float - 2.5, Take out strig float Run back in hole. - 2, RU power swivel - 0.5, Drill out kill plug. @ 5800',

continue to RIH tag #1 CFP @6280' start drilling 2 hrs. to drill thru. poss. 1'-2'sand on plug - 5, Pull 8 stds. SDFN - 0.5, Flowback well to sales - 12.5

Prickly Pear Fed. #11A-15D-12-15 3/10/2011 06:00 -3/11/2011 06:00

County API/UWI State/Province Field Name Well Status Total Depth (ftKB) Primary Job Type 8,295.0 4300750049 Utah Carbon West Tavaputs **Drilling & Completion**

Time Log Summary

Flowback to sales - 0.5, RIH 8 stds. RU Swivel - 1.5, Tag # 2 CFP @6660' drill out, 1hr.10 min. drill thru. no sand

Continue to RIH tag #3 CFP @6860' 1 hr. dril thru. no sand

Continue to RIH tag CFP #4 @ 7330' 45 min drill thru no sand

Continue to RIH Tag on plug parts @ 7460" Possibly some sand 30 min drill thru

Continue to RIH tag on plug @ 7580' drill on plug, rubber went above bit causing torque worked up and down would not free decided to pull 14 stands SDFN. - 9,

Flowback to sales - 13

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Prickly Pear Fed. #11A-15D-12-15 3/11/2011 06:00 - 3/12/2011 06:00

API/UWI State/Province Utah Carbon West Tavaputs Well Status Total Depth (ftKB) Primary Job Type West Tavaputs Total Depth (ftKB) Drilling & Completion

Time Log Summary

Safety meeting - 0.5, RIH 14 stds RU swivel tag plug @7580' - 1, Finish drill out Last CFP @ 7580' - 2, Swivel down 2 jts. tie back swivel continue to RIH tag up @ 7975' - 1, Drill on fill up make 2' to a depth of 7977' shut down. - 2, Tie back swivel pull tubing up to aprox 5720' - 2, Land Tubing as Follows

Landed @ GL (KB) 17.00' Cameron Well head.

181Jts 2-3/8" 4.7# N-80 5667.98'

1 XN - Nipple 1.87" ID 0.88 5684.98' XN - Nipple

1 Jt 2-3/8" 4.7# N-80 31.11' 1 NaborsPump Off Sub .96

5717.93' - EOT

Junk in Hole @ 7975'

Nabors Pump Off Bit Sub & Tri- cone Bit - 1.5, RU Fat Dog foam uint pump off Bit and sub to 7980' SDFN - 1.5, Flowback well to sales - 12.5

Prickly Pear Fed. #11A-15D-12-15 3/12/2011 06:00 - 3/13/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750049 Utah Carbon West Tavaputs 8,295.0 Drilling & Completion

Time Log Summary

Safety meeting - 0.5, RDMO Wildcat workover uint RU Renagage crane move cellar bridge beem from cellar. Put Cathadral on std-by untill Coil unit is ready to drill out rest of wells on pad - 4.5, Flowback well to sales - 19

www.peloton.com Page 2/2 Report Printed: 4/4/2011

| Form 3160-4 (August 2007 |) | | DEPAR BUREA | TME | NT O | | INTE | | | | | | | OM | IB No. 1 | PROVED 004-0137 731, 2010 |
|-----------------------------|-------------------------|----------------------|--|---------------|----------------------------|--------------------|-------------|-------------|----------------------------|------------------------------------|------------|-----------------------------------|-----------|---------------------------|-------------------------|---|
| | WELL | COMPL | ETION (| OR RI | ECO | MPLE | TION | I REP | PORT | AND LOG | } | | 5. L | ease Serial JTU65773 | No. | |
| la, Type o | f Well | Oil Well | ☑ Gas lew Well | Well Well | _ | • | Oth Deep | | ☐ Plug | g Back 🔲 | Diff. R | esvr. | | | | Tribe Name |
| | | Otho | :r | | | | | | | | | | 7. U | nit or CA / JTU79487 | \ greem | ent Name and No. |
| 2. Name o | f Operator ARRETT CO | ORPORA | TION E | -Mail: | briley | Contact @billba | | | | | | | | case Name PRICKLY F | | II No. UNIT FEDERAL 11A-15D-1 |
| 3. Address | 1099 18T DENVER | | | 300 | | | | | hone N o 303-312 | o. (înclude are: 2-81 15 | a code) | | 9. A | PI Well No |). | 43-007-50049 |
| 4. Location | n of Well (Re | port locati | on clearly ar | ıd in ac | corda | nce with | Federa | l requir | ements |)* | | | 10. I | Field and Pe PRICKLY F | ool, or i | Exploratory |
| | ace NESE | | | | | | | | | | | | 11. 3 | Sec., T., R., | M., or | Block and Survey 12S R15E Mer SLB |
| | prod interval: | - | | | 60FSI | . 2010F | WL | | | | | | 12. (| County or F | | 13. State |
| At total | nudded | SW 2656 | FSL 1954F | WL ate T.D | Reac | ched | | 116 | 6 Date | Completed | | | | CARBON | DE KE | UT 3, RT, GL)* |
| 10/18/2 | 2010 | | 01 | /27/20 | | | | | 03/0 | | dy to Pi | od. | 17, 1 | 70 | B9 GL | 5, K1, GE) |
| 18. Total I | - | MD TVD | 8293 7439 | | | Plug Ba | | | MD TVD | 8254 7400 | | 20. Dej | th Bri | dge Plug Se | et: } | MD rvd |
| | lectric & Otl | | | | | opy of ca | sch) | | | 22. | Was I | /ell core /ST run? ional Su | | № No № No □ No | ☐ Yes ☐ Yes ☑ Yes | (Submit analysis) (Submit analysis) (Submit analysis) |
| Hole Size | nd Liner Reco | | rt all strings Wt. (#/st.) | Т | w <i>ell)</i> op (D) | Botto (MD | , | tage Ce | | No. of Ska | | Slurry (BB | | Cement ' | Тор* | Amount Pulled |
| 24.000 | | 0 COND | | | 0 | | 80 | | 60 | | | | | | 0 | |
| 12.250 8.750 | T | .625 J55 00 P-110 | 36.0 11.6 | | 0 | | 025 293 | | 972 8293 | | 170 495 | | 60 165 | | 0 0 | 15000 |
| | | | | | | | | | | | | • | | | | |
| | | | | | | <u> </u> | | | | | | | | | | |
| 24. Tubing | Record | | | . | | L | | | | | | | | L | | |
| Size | Depth Set (N | (D) Pa | cker Depth | (MD) | Sı | ze I | Depth S | Set (MD |) P: | acker Depth (! | MD) | Size | De | pth Set (M | D) 1 | Packer Depth (MD) |
| 25. Produci | ng Intervals | | | | · | | 26. Pc | erforatio | on Reco | rd | | | 1 | | | |
| | ormation | | Top | | Во | ttom | | Perf | forated l | | | Size | _ | lo. Holes | | Perf. Status |
| <u>A)</u> B) | WASA | ATCH | | 5851 | | 7661 | | | | 5851 TO 76 | 361 | 0.3 | 50 | 168 | OPEN | |
| C) | | | | | | | | | | | | | | | | |
| D) 27. Acid. Fr | racture, Treat | ment. Cen | sent Sourcezo | Etc | | | | | | | | | | | l | |
| | Depth Interve | | J. J | . D.C. | | | | | An | nount and Typ | e of M | aterial | | ***** | | |
| | 58 | 51 TO 76 | 61 WASAT | CH: SE | E STA | GES FR | OM #2 | -7 | | | | | | | | |
| | | | | | | | | | | | | | ··· | | | 4 |
| 28 Product | ion - Interval | A 14/ | S-MUD | | | | | | | | | | | | | |
| Date First | Test | Hours | Test | Oil | | Gas | Wate | | Orl Gra | | Gas | | Producti | on Method | | |
| Produced 03/03/2011 | Date 03/04/2011 | Tested 24 | Production | .0.0 | | м: ғ 1483.0 | BBL | 46.0 | Corr A | iPi | Gravity | | | FLOV | VS FRO | M WELL |
| Choke Size | Teg. Press Flug | Csg Press | 24 Hr Rate | Oil BBL | | Gas MCF | W at | | Gas.Or | t | Well Sta | ius | | | | |
| 34/64 | \$1 | 237.0 | | 0 | | 1463 | | 46 | | | P | SW | | | | |
| 28a. Produc Date First | tion - Interva | I B Hours | Test | Oil | | Gus | Wate | | Oil Ger | wilv | Gas | 1 | Drodom | on Mathe 3 | | RECEIVED |
| Produced | Date | Tested | Production | BB1, | | MCF | BBI | | Corr A | | Gravity | | rroducti | on Method | | MAR 3 1 2011 |
| Choke Size | The Press. Flwg | C vg Press | 24 Fir Rate | Osi BBL | | Gas MCF | Wate BBL | | Gas Or Ratio | 1 | Weli Sta | lus | | | | |

⁽See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #105632 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

| | uction - Interv | | | | | | | | | | | |
|----------------------------|---|--|---------------------------------|----------------------|-----------------------|---------------------------|---|----------------------------|---------------------------|---|---------------------------------------|--|
| Date First Produced | Test Date | Hours Fested | Test Production | Oil BBC | Gos MCF | Witter BBI. | Oil Gravity Corr API | Crais Circus | | Production Method | · · · · · · · · · · · · · · · · · · · | |
| C hoke Size | Thg. Press Flwg SJ | Cag Press | 24 Hir Rate | O-I BBL | Gas MCF | Water BBL | Cas Oil Ruio | Wel | l Status | <u> </u> | | |
| 28c. Prod | uction - Interv | al D | | <u> </u> | I., | | | | | ······································ | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gigs ity Corr API | Gas | | Production Method | • | —————————————————————————————————————— |
| Choke Size | The Press Flwg S1 | Cisg Press | 24 Hr. Rate | Oil BBL | Gas: MCF | Water RBI | Gas Oil Ratio | Wet | l Status | f | | · · · · · · · · · · · · · · · · · · · |
| 29. Dispo | sition of Cias/ | Sold. used | for fuel, vent | ed, etc.) | | | | | | | | |
| 30. Summ Show tests, | nary of Porous | zones of po | orosit v and c | ontents there | eof: Cored i | intervals and | d all drill-stem d shut-in pressure | ?S. | 31. For | mation (Log) Ma | kers | |
| | Formation | | Тор | Bottom | | Descripti | ons, Contents, ele | C. | | Name | | Top Meas, Depth |
| 7-7/8° Produ CBL r | ional remarks (" production suction Top of mailed due to and Frac brea | string set : Cement v file size. | at 6950'-TO rerified by C | :BL. | | | | | NO DA | SATCH RTH HORN RK CANYON ICE RIVER | | 3133 5562 7401 7673 8293 |
| | enclosed attac | - | | * | | | | ··· | | | | |
| 1. Ele | etrical/Mechan | nical Logs | | | | 2. Geologie 6. Core An | | | . DST Reg Other: | oort | 4. Direction | al Survey |
| 34. I hereb | by certify that | the forego | | | | | | | | records (see attac | hed instruction | ns): |
| | | | Electr | onic Submi For Bi | ssion #105 LL BARR | 632 Verifie ETT CORI | d by the BLM W PORATION, ser | rell Inforc nt to the P | mation Sys Price | stem. | | |
| Name | (please print) | BRADY F | RILEY | <u> </u> | | | Title P | ERMIT A | NALYST | | | |
| Signat | ture 1 | Electron | id Slubmidsi | | Li | 4 | Date 0 | <u>3/31/201</u> 1 | 1 | | | |
| Title 18 U of the Uni | .S.C. Section ted States any | 1001 and T false, ficti | itle 43 U.S.C tious or fradu | C. Section 12 | 212, make i | t a crime fo | r any person knov as to any matter v | vingly and vithin its i | l willfully turisdiction. | io make to any de | partment or ag | ency |

Prickly Pear UF 11A-15D-12-15 Report Continued*

| 44. ACID, FI | 4. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.) | | | | | | | | | | |
|--------------|--|----------------------|--|--|--|--|--|--|--|--|--|
| | AMOUNT AND TYPE OF MATERIAL | | | | | | | | | | |
| Stages | Bbls Slurry | 20/40 lbs White Sand | | | | | | | | | |
| 2 | 586 | 80,100 | | | | | | | | | |
| 3 | 680 | 101,800 | | | | | | | | | |
| 4 | 493 | 60,100 | | | | | | | | | |
| 5 | 500 | 62,500 | | | | | | | | | |
| 6 | 1,114 | 39,186 | | | | | | | | | |
| 7 | 388 | 14,133 | | | | | | | | | |

^{*}Depth intervals for frac information same as perforation record intervals.

RECEIVED MAR 3 1 2011

^{**}BBC did not complete stage #1, which was to target the Mesaverde formation, due to wireline issues while running the CBL.



Bill Barrett Corp.

Carbon County, UT [NAD27]
Prickly Pear SE 15 Pad
Prickly Pear UF 11A-15D-12-15

Wellbore #1

Survey: Surveys

Standard Survey Report

27 January, 2011

RECEIVED
MAR 3 1 2011



WELL DETAILS: Prickly Pear UF 11A-15D-12-15

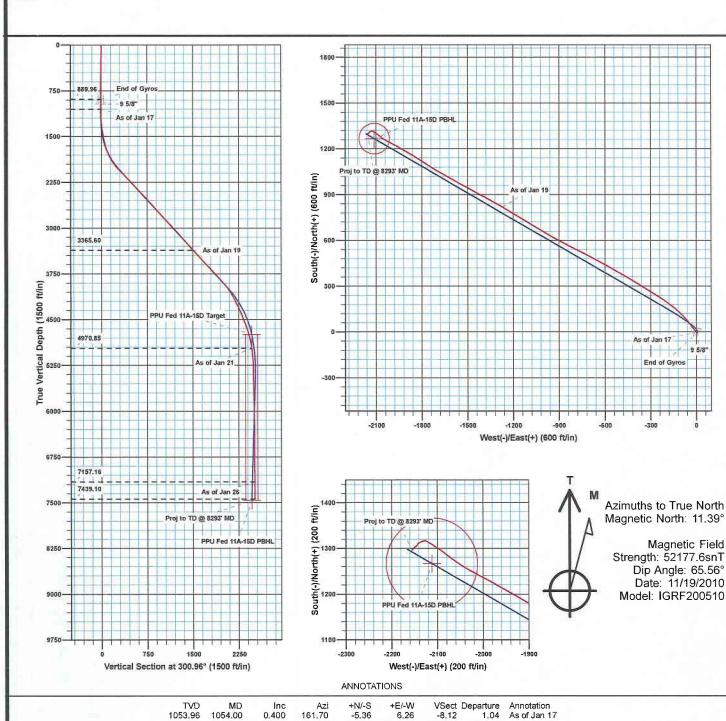
US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

Ground Level: 7088.00

Northing Latittude +N/-S Easting 2360547.42 39° 46' 12.85 N 0.00 0.00 525942.42

Longitude 110° 13' 2.02 W

Bill Barrett Corporation





-5.36

818.53

1299.55 1300.33

1295.80

6.26

-1270.15

-2097.56 -2152.18

-2155.42

-8.12

1510.27

2467.26 2514.49

2514.94

1.04

1530.83

2488.54 2555.10

2560.84

As of Jan 17

As of Jan 19

As of Jan 21 As of Jan 26

Proj to TD @ 8293' MD

1053.96

3365.60

4970.85 7157.16

7439.10

1054.00

3916.00

5823,00 8011,00

8293.00

0,400

41,700

7.800

1.200

300.20

302,80 215.10

203.50



Survey Report



Company:

Bill Barrett Corp.

Project: Site:

Carbon County, UT [NAD27] Prickly Pear SE 15 Pad

Well:

Prickly Pear UF 11A-15D-12-15

Wellbore: Design:

Wellbore #1 Wellbore #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well Prickly Pear UF 11A-15D-12-15

KB @ 7104.00ft

KB @ 7104.00ft

Compass VM

True

Minimum Curvature

Project

Carbon County, UT [NAD27]

Map System:

US State Plane 1927 (Exact solution)

Geo Datum: Map Zone:

NAD 1927 (NADCON CONUS)

Utah Central 4302

System Datum:

Mean Sea Level

Using geodetic scale factor

Site

Prickly Pear SE 15 Pad

Site Position:

Northing:

525,942.48 usft

Latitude:

39° 46' 12.85 N

Lat/Long

Easting:

2,360,547.77 usft

Longitude:

Position Uncertainty:

Slot Radius:

1.10 ft

Grid Convergence:

110° 13' 2.02 W

0.82°

Well

Prickly Pear UF 11A-15D-12-15

0.00 ft

Well Position

+N/-S

0.00 ft

Northing:

525,942.42 usft

Latitude:

39° 46′ 12.85 N

+E/-W

0.00 ft

Easting:

2,360,547.42 usft

Longitude:

Position Uncertainty

0.00 ft

Wellhead Elevation:

11/19/10

ft

Ground Level:

110° 13' 2.02 W

0.00

7,088.00 ft

Wellbore

Wellbore #1

Wellbore #1

Magnetics

Model Name

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

(nT)

IGRF200510

11.39

65.56

52,178

Design

Audit Notes:

Version:

1.0

Phase:

ACTUAL

Tie On Depth:

Vertical Section:

Depth From (TVD) (ft)

0.00

+N/-S (ft)

(ft)

+E/-W

Direction

(°)

0.00

300.96

Survey Program

01/27/11 Date

From

To (ft)

Survey (Wellbore)

Tool Name

Description

100.00 1,054.00

890.00 Gyro Surveys (Wellbore #1) 8,293.00 Surveys (Wellbore #1)

MWD MWD

0.00

MWD - Standard MWD - Standard

Survey

| - | Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---|---------------------------|--------------------|----------------|---------------------------|---------------|---------------|-----------------------------|-----------------------------|----------------------------|---------------------------|
| | 890.00 | 0.330 | 109.41 | 889.96 | -4.66 | 5.63 | -7.22 | 0.00 | 0.00 | 0.00 |
| | 971.80 | 0.328 | 138.18 | 971.76 | -4.91 | 6.01 | -7.68 | 0.20 | 0.00 | 35.17 |
| | 9 5/8" | | | | | | | | | |
| | 1,054.00 | 0.400 | 161.70 | 1,053.96 | -5.36 | 6.26 | -8.12 | 0.20 | 0.09 | 28.61 |
| | 1,149.00 | 2.700 | 316.70 | 1,148.93 | -4.04 | 4.82 | -6.22 | 3.23 | 2.42 | 163.16 |
| | 1,245.00 | 6.300 | 315.80 | 1,244.62 | 1.38 | -0.40 | 1.05 | 3.75 | 3.75 | -0.94 |
| | 1,340.00 | 6.400 | 316.90 | 1,339.04 | 8.98 | -7.65 | 11.18 | 0.17 | 0.11 | 1.16 |
| | 1,435.00 | 9.700 | 319.90 | 1,433.09 | 18.97 | -16.43 | 23.85 | 3.50 | 3.47 | 3.16 |
| | 1,531.00 | 10.600 | 320.20 | 1,527.58 | 31.94 | -27.29 | 39.83 | 0.94 | 0.94 | 0.31 |
| | 1,630.00 | 15.300 | 324.60 | 1,624.04 | 49.60 | -40.69 | 60.41 | 4.85 | 4.75 | 4.44 |



Survey Report



Company:

Bill Barrett Corp.

Project: Site:

Carbon County, UT [NAD27] Prickly Pear SE 15 Pad

Well:

Prickly Pear UF 11A-15D-12-15

Wellbore: Design:

Wellbore #1

Wellbore #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well Prickly Pear UF 11A-15D-12-15

KB @ 7104.00ft

KB @ 7104.00ft

True

Minimum Curvature

Compass VM

| e., | |
|-----|------|
| ъu | rvev |

| | | | | Vandani | | | Mandani | D1 | D. 11-1 | | |
|---|-------------------|--------------------|----------------|-------------------|---------------|----------------|---------------------|----------------|---------------|--------------|---|
| | Measured Depth | Inclination | A zimu4h | Vertical Depth | TN/ C | +E/-W | Vertical Section | Dogleg Rate | Build Rate | Turn Rate | |
| | (ft) | Inclination (°) | Azimuth (°) | (ft) | +N/-S (ft) | +E/-VV (ft) | (ft) | (°/100ft) | (°/100ft) | (°/100ft) | |
| | 1,725.00 | 20.800 | 320.80 | 1,714.33 | 72.90 | -58.63 | 87.78 | 5.92 | 5.79 | -4.00 | |
| | 1,820.00 | 26.200 | 316.80 | 1,801.43 | 101.29 | -83.66 | 123.85 | 5.92 | 5.68 | -4.21 | |
| | 1,915.00 | 31.200 | 312.10 | 1,884.74 | 133.09 | -116.30 | 168.20 | 5,77 | 5.26 | -4.95 | |
| | 2,009.00 | 37.400 | 308.50 | 1,962.36 | 167.23 | -156.75 | 220.45 | 6.94 | 6.60 | -3.83 | |
| | 2,104.00 | 43.800 | 305,30 | 2,034.47 | 204.23 | -206.22 | 281.90 | 7.08 | 6.74 | -3.37 | |
| | 2,199.00 | 45.200 | 301.80 | 2,102.23 | 240.99 | -261.71 | 348.40 | 2.97 | 1.47 | -3.68 | |
| | 2,294.00 | 43.700 | 301.70 | 2,170.05 | 276.00 | -318,28 | 414.92 | 1.58 | -1.58 | -0.11 | |
| | 2,389.00 | 43.700 | 301.50 | 2,238.73 | 310.39 | -374.18 | 480.55 | 0.15 | 0.00 | -0.21 | |
| | 2,484.00 | 42.400 | 300.60 | 2,308.15 | 343.84 | -429.73 | 545.39 | 1.51 | -1.37 | -0.95 | |
| | 2,579.00 | 42.600 | 299.60 | 2,378.19 | 376.03 | -485.26 | 609.57 | 0.74 | 0.21 | -1.05 | |
| | 2,675.00 | 42.400 | 299.80 | 2,448.97 | 408.16 | -541.59 | 674.41 | 0.25 | -0.21 | 0.21 | |
| | 2,771.00 | 42.900 | 299.50 | 2,519.58 | 440.34 | -598.12 | 739.43 | 0.56 | 0.52 | -0.31 | |
| | 2,866.00 | 42,300 | 298.50 | 2,589.51 | 471.51 | -654.36 | 803.69 | 0.95 | -0.63 | -1.05 | |
| | 2,963.00 | 42.200 | 297.30 | 2,661.31 | 502.03 | -711.99 | 868.82 | 0.84 | -0.10 | -1.24 | |
| | 3,058.00 | 41.900 | 296.60 | 2,731.86 | 530.87 | -768.71 | 932.29 | 0.59 | -0.32 | -0.74 | |
| | 3,154.00 | 42.500 | 297.80 | 2,802.97 | 560.35 | -826.06 | 996.64 | 1.05 | 0.63 | 1.25 | |
| | 3,249.00 | 43.100 | 297.80 | 2,872.68 | 590.45 | -883.16 | 1,061.08 | 0.63 | 0.63 | 0.00 | |
| | 3,439.00 | 43.600 | 300.50 | 3,010.85 | 653.98 | -997.04 | 1,191.42 | 1.01 | 0.26 | 1.42 | |
| | 3,535.00 | 41.700 | 301.20 | 3,081.46 | 687.33 | -1,052.88 | 1,256.46 | 2.04 | -1.98 | 0.73 | • |
| | 3,630.00 | 41.600 | 301.40 | 3,152.44 | 720.13 | -1,106.82 | 1,319.59 | 0.18 | -0.11 | 0.21 | |
| | 3,726.00 | 41.700 | 301.50 | 3,224.18 | 753.41 | -1,161.25 | 1,383.39 | 0.13 | 0.10 | 0.10 | |
| | 3,821.00 | 42.100 | 300.90 | 3,294.89 | 786.28 | -1,215.52 | 1,446.83 | 0.60 | 0.42 | -0.63 | |
| | 3,916.00 | 41.700 | 300.20 | 3,365.60 | 818.53 | -1,270.15 | 1,510.27 | 0.65 | -0.42 | -0.74 | |
| | 4,012.00 | 42.500 | 299.30 | 3,436.83 | 850.46 | -1,326.03 | 1,574.62 | 1.04 | 0.83 | -0.94 | |
| | 4,108.00 | 42.700 | 299.10 | 3,507.49 | 882.16 | -1,382.75 | 1,639.57 | 0.25 | 0.21 | -0.21 | |
| | 4,203.00 | 43.200 | 298.40 | 3,577.03 | 913.29 | -1,439.50 | 1,704.25 | 0.73 | 0.53 | -0.74 | |
| | 4,298.00 | 43.900 | 297.80 | 3,645.88 | 944.12 | -1,497.24 | 1,769.62 | 0.86 | 0.74 | -0.63 | |
| | 4,394.00 | 42.600 | 299.30 | 3,715.80 | 975.55 | -1,555.02 | 1,835.33 | 1.73 | -1.35 | 1.56 | |
| | 4,489.00 | 42.900 | 299.10 | 3,785.57 | 1,007.01 | -1,611.31 | 1,899.79 | 0.35 | 0.32 | -0.21 | |
| | 4,584.00 | 42.100 | 299.10 | 3,855.61 | 1,038.22 | -1,667.39 | 1,963.93 | 0.84 | -0.84 | 0.00 | |
| | 4,680.00 | 40.100 | 301.50 | 3,927.95 | 1,070.03 | -1,721.88 | 2,027.02 | 2.65 | -2.08 | 2.50 | |
| | 4,775.00 | 34.900 | 303.10 | 4,003.29 | 1,100.88 | -1,770.77 | 2,084.82 | 5.57 | -5.47 | 1.68 | |
| | 4,871.00 | 31 600 | 302.80 | 4,083.57 | 1,129.51 | -1,814.93 | 2,137.41 | 3.44 | -3.44 | -0.31 | |
| | 4,966.00 | 27.600 | 300.20 | 4,166.15 | 1,154.07 | -1,854.89 | 2,184.32 | 4.42 | -4.21 | -2.74 | |
| | 5,061.00 | 25.700 | 300.40 | 4,251.06 | 1,175.57 | -1,891.68 | 2,226.92 | 2.00 | -2.00 | 0.21 | |
| | 5,156.00 | 23.100 | 299.80 | 4,337.57 | 1,195.26 | -1,925.62 | 2,266.16 | 2.75 | -2.74 | -0.63 | |
| | 5,252.00 | 22.800 | 299.20 | 4,425.97 | 1,213.69 | -1,958.20 | 2,303.58 | 0.40 | -0.31 | -0.63 | |
| ÷ | 5,348.00 | 22.000 | 299.00 | 4,514.72 | 1,231.48 | -1,990.17 | 2,340.14 | 0.84 | -0.83 | -0.21 | |
| | 5,442.00 | 20.200 | 297.80 | 4,602.42 | 1,247.59 | -2,019.92 | 2,373.95 | 1.97 | -1.91 | -1.28 | |
| | 5,537.00 | 18.200 | 302.90 | 4,692.14 | 1,263.30 | -2,046.89 | 2,405.16 | 2.75 | -2.11 | 5.37 | |
| | 5,631.00 | 14.300 | 307.20 | 4,782.37 | 1,278.30 | -2,068.47 | 2,431.38 | 4.34 | -4.15 | 4.57 | |
| | E 727 00 | 40.800 | 206.70 | 4 970 00 | 4 000 75 | 0.005.00 | 0.454.00 | 0.00 | 0.05 | 0.50 | |
| | 5,727.00 | 10.600 | 306.70 | 4,876.09 | 1,290.75 | -2,085.00 | 2,451.96 | 3.86 | -3.85 | -0.52 | |
| | 5,823.00 | 7.800 | 302.80 | 4,970.85 | 1,299.55 | -2,097.56 | 2,467.26 | 2.99 | -2.92 | -4.06 | |



Survey Report



Company:

Bill Barrett Corp.

Project: Site: Carbon County, UT [NAD27]
Prickly Pear SE 15 Pad
Prickly Pear UF 11A-15D-12-15

Well: Wellbore:

Wellbore #1

Design:

Wellbore #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well Prickly Pear UF 11A-15D-12-15

KB @ 7104.00ft

KB @ 7104.00ft

True

Minimum Curvature

Compass VM

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
|---------------------------|--------------------|----------------|---------------------------|---------------|---------------|-----------------------------|-----------------------------|----------------------------|---------------------------|--|
| 5,918.00 | 6.400 | 305.50 | 5,065.12 | 1,306.12 | -2,107.29 | 2,478.98 | 1.51 | -1.47 | 2.84 | |
| 6,014.00 | 3.500 | 295.10 | 5,160.75 | 1,310.47 | -2,114.30 | 2,487.23 | 3.15 | -3.02 | -10.83 | |
| 6,109.00 | 1.700 | 307.70 | 5,255.65 | 1,312.56 | -2,118.04 | 2,491.51 | 1:98 | -1.89 | 13.26 | |
| 6,205.00 | 1.100 | 319.80 | 5,351.62 | 1,314.14 | -2,119.77 | 2,493.80 | 0.69 | -0.63 | 12.60 | |
| 6,299.00 | 1.000 | 291,80 | 5,445.61 | 1,315.13 | -2,121.11 | 2,495.46 | 0.55 | -0.11 | -29.79 | |
| 6,396.00 | 1.100 | 294.10 | 5,542.59 | 1,315.83 | -2,122.74 | 2,497.22 | 0.11 | 0.10 | 2.37 | |
| 6,490.00 | 1.200 | 292.00 | 5,636.57 | 1,316.56 | -2,124.48 | 2,499.09 | 0.12 | 0.11 | -2.23 | |
| 6,585.00 | 1.300 | 275.90 | 5,731.55 | 1,317.05 | -2,126.48 | 2,501.05 | 0.38 | 0.11 | -16.95 | |
| .6,681.00 | 1.000 | 263.30 | 5,827.53 | 1,317.06 | -2,128.39 | 2,502.70 | 0,41 | -0.31 | -13.13 | |
| 6,776.00 | 1.400 | 249.00 | 5,922.51 | 1,316.55 | -2,130.30 | 2,504.07 | 0.52 | 0.42 | -15.05 | |
| 6,871.00 | 1.400 | 259.00 | 6,017.48 | 1,315.91 | -2,132.52 | 2,505.65 | 0.26 | 0.00 | 10.53 | |
| 6,963.00 | 1.800 | 247.50 | 6,109.44 | 1,315.15 | -2,134.96 | 2,507.35 | 0.56 | 0.43 | -12.50 | |
| 7,058.00 | 1.800 | 242.20 | 6,204.40 | 1,313.88 | -2,137.66 | 2,509.01 | 0.18 | 0.00 | -5.58 | |
| 7,154.00 | 1.900 | 249.20 | 6,300.35 | 1,312,61 | -2,140.48 | 2,510.78 | 0.26 | 0.10 | 7.29 | |
| 7,249.00 | 0.800 | 202.30 | 6,395.32 | 1,311.44 | -2,142.20 | 2,511.65 | 1.55 | -1.16 | -49.37 | |
| 7,344.00 | 0.700 | 199.70 | 6,490.31 | 1,310.28 | -2,142.65 | 2,511.44 | 0.11 | -0.11 | -2.74 | |
| 7,440.00 | 1.000 | 211.10 | 6,586.30 | 1,309.01 | -2,143.28 | 2,511.32 | 0.36 | 0.31 | 11.88 | |
| 7,536.00 | 1.000 | 216.10 | 6,682.29 | 1,307.61 | -2,144.21 | 2,511.40 | 0.09 | 0.00 | 5.21 | |
| 7,630.00 | 1.100 | 213.20 | 6,776.27 | 1,306.20 | -2,145.18 | 2,511.51 | 0.12 | 0.11 | -3.09 | |
| 7,726.00 | 1.400 | 233.90 | 6,872.25 | 1,304.73 | -2,146.64 | 2,512.00 | 0.56 | 0.31 | 21.56 | |
| 7,821.00 | 1.900 | 236.60 | 6,967.21 | 1,303.18 | -2,148.89 | 2,513.14 | 0.53 | 0.53 | 2.84 | |
| 7,917.00 | 1.100 | 230.00 | 7,063.18 | 1,301.71 | -2,150.92 | 2,514,13 | 0.85 | -0.83 | -6.88 | |
| 8,011.00 | 1.200 | 215.10 | 7,157.16 | 1,300.33 | -2,152.18 | 2,514.49 | 0.33 | 0.11 | -15.85 | |
| 8,107.00 | 1.100 | 234.90 | 7,253.14 | 1,298.98 | -2,153.51 | 2,514.94 | 0.42 | -0.10 | 20.63 | |
| 8,203.00 | 1.200 | 203.50 | 7,349.12 | 1,297.53 | -2,154.67 | 2,515.18 | 0.66 | 0.10 | -32.71 | |
| 8,293.00 | 1.200 | 203.50 | 7,439.10 | 1,295.80 | -2,155.42 | 2,514.94 | 0.00 | 0.00 | 0.00 | |

| Casing Points | | | | | | | | |
|---------------|----------|----------|--------|----------|------|----------|----------|--|
| | | Stantani | | 2.18 2.5 | | 0 | | |
| | Measured | Vertical | | | | Casing | Hole | |
| | Depth | Depth | | | | Diameter | Diameter | |
| | (ft) | (ft) | | | Name | (ft) | (ft) | |
| | 971.80 | 971.76 | 9 5/8" | | | 0.8 | 0 1.02 | |

| Survey Annota | ations | | | | | | | | |
|---------------|----------|----------|------------|-----------|----------------------|------------|------|------|---|
| | Measured | Vertical | Local Cool | dinates | | | | | |
| | Depth | Depth | +N/-S | +E/-W | | | | | ł |
| | (ft) | (ft) | (ft) | (ft) | Comment | | | | - |
| | 1,054.00 | 1,053.96 | -5.36 | 6.26 | As of Jan 17 | | | | |
| | 3,916.00 | 3,365.60 | 818.53 | -1,270.15 | As of Jan 19 | | | | |
| | 5,823.00 | 4,970.85 | 1,299.55 | -2,097.56 | As of Jan 21 | | | | |
| | 8,011.00 | 7,157.16 | 1,300.33 | -2,152.18 | As of Jan 26 | | | | |
| | 8,293.00 | 7,439.10 | 1,295.80 | -2,155.42 | Proj to TD @ 8293' M | I D | | | |



Survey Report



Company:

Bill Barrett Corp.

Project: Site: Carbon County, UT [NAD27] Prickly Pear SE 15 Pad

Well:

Prickly Pear UF 11A-15D-12-15

Wellbore: Design: Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well Prickly Pear UF 11A-15D-12-15

KB @ 7104.00ft

KB @ 7104.00ft

True

Minimum Curvature

Compass VM

| Ole and the state of the con- | | A common de comme al Desire | | D-4 | |
|-------------------------------|------|-----------------------------|------------------|-------|------|
| Checked By: | | Approved By: | | Date: | |
| Circoncu Dy. | | rippiotod by. | | Duit. | |
| | | | ' | | |
| | | | | | |
| | | | | | |

Carol Daniels - REVISED: Prickly Pear Unit Federal 11A-15D-12-15 completion report

From:

Brady Riley

To:

"caroldaniels@utah.gov"

Date:

7/22/2011 11:53 AM

Subject:

REVISED: Prickly Pear Unit Federal 11A-15D-12-15 completion report

Attachments:

43 007 50049 125 15E 15

Carol,

Attached is a revised completion report for this well previously submitted. Changes are in regard to the formations.

Let me know if you have questions.

Thanks.

Brady Riley

BILL BARRETT CORPORATION
1099 18th Street | Suite 2300
Denver, CO 80202
D 303.312.8115 | F 303.291.0420
briley@billbarrettcorp.com
www.billbarrettcorp.com



From: Brady Riley

Sent: Thursday, March 31, 2011 11:15 AM

To: caroldaniels@utah.gov

Subject: Prickly Pear Unit Federal 11A-15D-12-15 completion report

Carol,

Attached is the signed completion report for the Pr Pr UF 11A-15D-12-15.

Please let me know if you have any questions.

Thanks,

Brady Riley

BILL BARRETT CORPORATION
1099 18th Street | Suite 2300
Denver, CO 80202
D 303.312.8115 | F 303.291.0420
briley@billbarrettcorp.com
www.billbarrettcorp.com



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amendel

Form 3160-4

UNITED STATES

FORM APPROVED

| August 2007 | | | BUREAU | U OF L | AND | MANA | - | IT | | | | | Бхр | rres: Jul | 004-0137 y 31, 2010 | |
|------------------------|-------------------------------|------------------|-------------------------|-----------------------------|----------|----------------|---------------------|-------------------------|------------------------------|---------------|-------------------------------------|----------|--|-------------------------|---|-------------------|
| | WELL | COMPL | ETION C | R RE | COM | PLET | ION RI | EPORT | AND LC | G | | | ease Serial JTU65773 | | | |
| la. Type | - | Oil Well | _ | | Dr. | | Other | | | | | 6. If | Indian, All | ottec o | r Tribe Name | |
| b. Type | of Completion | | iew Well er | □ Wor | k Over | | Deepen | D Pius | g Back [| Diff. | Resvr. | 7. U | Init or CA A JTU79487 | Agreem | ent Name and No. | |
| | of Operator BARRETT CO | ORPORA | TION E | -Mail: b | | | BRADY ettcorp.co | | | | | 8. L | ease Name PRICKLY F | and W | UNIT FEDERAL 11A | 15D-12-1 5 |
| 3. Addres | s 1099 18T DENVER | | | 300 | | | 3a. | Phone N : 303-31 | o. (include a | rea code | :) | 9. A | Pl Well No |). | 43-007-50049 | |
| 4. Locatio | n of Well (Re | · | | d in acc | ordanc | e with F | | | | _ | - | 10. | Field and P | ool, or | Exploratory | |
| At surf | ace NESE | 1360FSI | L 1192FEL | | | | | | | | | | | | Block and Survey | |
| At top | prod interval | reported b | clow NES | W 2660 | FSL 2 | 2010FW | /L | | | | | - 0 | r Area Se | c 15 T | 12S R15E Mer SLB | |
| | | SW 2656 | FSL 1954F | WL | , | | | | | | | . (| County or F CARBON | | UT | |
| 14. Date 5 10/18/ | Spudded 2010 | | | ate T .D, /27/201 | | ed | | 16. Date D & 03/0 | Completed A ☑ R 1/2011 | eady to | Prod. | 17. | Elevations (70 | DF, K I 89 GL | 9, RT, GL)* | |
| 18. Total | Depth: | MD TVD | 8293 7439 | I | 19. P | lug Back | T.D.: | MD TVD | 8254 7400 | | 20. Dej | oth Br | idge Plug S | | MD TVD | |
| 21. Type ARRA | Electric & Oth Y, CBL, NEU | er Mecha | | un (Subr | nit cop | y of eac | h) | | | 2. Was Was | well core DST run? ctional Su | | 🔀 No | Yes | (Submit analysis) (Submit analysis) (Submit analysis) | |
| 23. Casing a | nd Liner Rec | ord (Repu | ort al l sirings | set in w | ell) | | | | | 2.74 | | | | | | |
| Hole Size | Size/G | irade | W1. (#/fl.) | Top (MD | - 1 | Bottom (MD) | | Cementer Septh | No. of S Type of (| | Slurry (BB | | Cement | Top* | Amount Pulled | |
| 24.00 | 0 14.00 | 0 COND | | (IVI | 0 | | 80 | 80 | | COMPEN | (55 | | | 0 | | |
| 12.25 | -} | .62 <u>5</u> J55 | 36.0 | | 0 | 10 | - 1 | 972 | | 17 | | 60 | | 0 | | |
| 8.75 | 0 4.50 | 00 P-110 | 11.6 | | 0 | 82 | 93 | 8293 | | 49 | 5 | 165 | | 0 | 15000 | |
| | | | | | 耳 | | | | | | | | | | | |
| 24. Tubin | Record | j | | | | | | | 1 | | Т | | ! | | | |
| Size | Depth Set (N | (ID) P | acker Depth | (MD) | Şıze | Do | epth Set (1 | MD) F | acker Depth | (M <u>D</u>) | Size | D | epth Set (M | D) | Packer Depth (MD) | |
| 25. Produc | ing Intervals | | | 1 | | 1 2 | 26. Perfora | ation Reco | ord | | .1 | <u> </u> | | | | |
| | ornation . | | Тор | | Botto | | F | erforated | | | Size | | No. Holes | | Perf. Status | |
| A) B) | WAS/ MESAVE | | | 5851 7403 | | 7309 7661 | | | 5851 TO 7403 TO | | 0.3 | | | OPE | | |
| C) | MEGAVE | | | 7-100 | | 7001 | | | 740010 | 700. | 0,0 | | | Ų, L, | | |
| D) | racture, Treat | mant Car | mant Egyaga | - Pen | | | | | | | | | | | | |
| 27. Acid, 1 | Depth Interv | | nem squeeze | ; EtC. | | | | A | mount and T | vne of l | Material | | | | | |
| | | | 309 WASAT | CH: SEE | STAG | ES #4-7 | | | | | | | | | | |
| | 74 | 103 TO 76 | 661 MESAV | ERDE: S | EE ST/ | AGES #2 | -3 | | | | | | - | _ | | |
| | | | | | | | | | | | | | | | * | |
| | tion - Interval | | | | | | | | , | ,, | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Ga MC | F | Water BHL | Oil Go | | Gas Ciravi | ly | Product | on Method | | | |
| 03/03/2011 boke | 03/04/2011 Tog Press | Csg | 24 Hr. | 0.0 Oil | Ga | 1483.0 | Water | Gas C | ed . | Wells | Status | | FLOV | VS FRO | DM WELL | |
| 34/64 | Flug Sl | Press 237.0 | Rate | BB1. | MO | | RB1 46 | Ratio | | 1 | PGW | | | | | |
| | ction - Interva | | , | | | | 1 70 | | | 1 | | | | RE | CEIVED | المحتب |
| Pate First roduced | Test Date | Figure Tested | Test Production | Dil BBL | Ga MC | | Water BBI | Or Gr | | Gas Georg | | Product | ion Method | | 2 6 2011 | |
| 'hoke ize | The Press Flwg Si | Csg Press | 24 Hr Rate | Oil BBL | Ga MC | | Water BB1 | Cas O Ratio |).i | Wells | Status | | DIV. | | IL. GAS & MINING | |

| 28b, Prod | uction - Interv | al C | | | | | | | | | | |
|------------------------------|--|-------------------------------------|--|--------------|---------------------------|--------------------------------|---|------------------|--|--|----------------|--------------------------------------|
| Date First Produced | fest Date | Hours Tested | Test Production | Oil BBI. | Gas MCF | Water DBL | Oil Gravity Corr API | Gas Grav | | Production Method | | |
| Choke Saze | Tog Press Flug SI | Cog Press | 24 Hr Rate | On BRI. | Gas MCF | Water BBL | Cias Oil Ratio | Wel | 1 Status | | | |
| 28c. Produ | uction - Interv | al D | | | | | | | | | | |
| Date First Produced | Test Date | Haurs Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Ga- (iras | | Production Method | | |
| Choke Size | Tog Press Hwg Sl | Csg Press | 24 Hr Rate | Oil BBI | Gas MCF | Water BB1. | Gas;Oil Ratio | H,61 | l Status | | | |
| 29. Dispos | sition of Gas(| Sold, used | for fuel, vent | ed, etc.) | • | | | | ······································ | | | |
| 30. Summ Show tests, i | nary of Porous | zones of pe | orosity and c | ontents then | eof: Cored e toal ope: | intervals and n, flowing an | d all drill-stem d shut-in pressu | res | 31. For | mation (Log) Mark | ters | |
| | Formation | | Тор | Bottom | | Descripti | ions, Contents, e | te. | | Name | | Top Meas, Depth |
| REVIS 7-7/8" Produ | onal remarks SED - update r production s oction Top of mailed due to | ed Format string set Cement v | tion details I at 6950'-TD verified by C | lor MesaVe | orde | | | | NO DA | ASATCH RTH HORN RK CANYON ICE RIVER | | 3133 5562 7401 7673 8293 |
| OBLI | naneo oue io | 1110 3120. | | | | | | | | | | |
| 1. Ele | enclosed attac etrical/Mecha ndry Notice fo | nical Logs | | - | | 2. Geologi 6. Core Ar | - | |). DST Rej 7 Other; | port | 4. Direction | al Survey |
| 34. I here! | ny certify that | the farego | | renic Subm | ission #1.1 | 3310 Verific | orrect as determined by the BLM PORATION, a | Well Infor | mation Sy | records (see attach stem. | ed instruction | ns): |
| Name | (please print) | BRADY I | RILEY | | • | | Title | PERMIT A | ANALYST | | | |
| Signat | ure | ead | deiphine for | | ىرى | | Date | <u>07/19/201</u> | 1 | | | ··· |
| , <u></u> | 4 | (| | | | 7) | | | | | | |
| | | | | | | | or any person kno as to any maiter | | | to make to any dep | arlment or ag | ency |

Additional data for transaction #113310 that would not fit on the form

32. Additional remarks, continued

Perf and Frac breakdown per stage attached.

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Prickly Pear UF 11A-15D-12-15 Report Continued*

| 44. ACID, FI | RACTURE, TREATME | NT, CEMENT SQUEEZE, ETC. (cont.) | | | | | | | | | |
|--------------|-----------------------------|----------------------------------|--|--|--|--|--|--|--|--|--|
| | AMOUNT AND TYPE OF MATERIAL | | | | | | | | | | |
| Stages | Bbls Slurry | 20/40 lbs White Sand | | | | | | | | | |
| 2 | 586 | 80,100 | | | | | | | | | |
| 3 | 680 | 101,800 | | | | | | | | | |
| 4 | 493 | 60,100 | | | | | | | | | |
| 5 | 500 | 62,500 | | | | | | | | | |
| 6 | 1,114 | 39,186 | | | | | | | | | |
| 7 | 388 | 14,133 | | | | | | | | | |

^{*}Depth intervals for frac information same as perforation record intervals.

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^{**}BBC did not complete stage #1, which was to target the Mesaverde formation, due to wireline issues while running the CBL.



Bill Barrett Corp.

Carbon County, UT [NAD27]
Prickly Pear SE 15 Pad
Prickly Pear UF 11A-15D-12-15

Wellbore #1

Survey: Surveys

Standard Survey Report

27 January, 2011

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JUL 2 6 2011





Bill Barrett Corporation

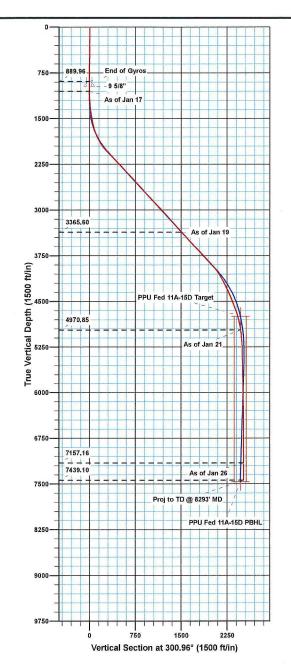
US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

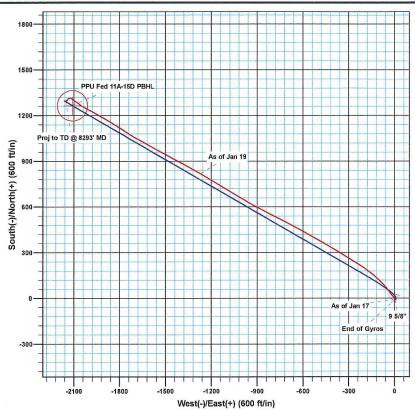
Ground Level: 7088.00

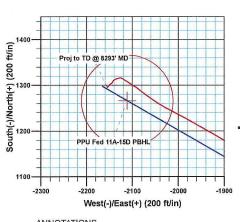
Northing +N/-S +E/-W 0.00 0.00 525942,42

Latittude **Easting** 2360547.42 39° 46' 12.85 N

Longitude 110° 13' 2.02 W







Azimuths to True North Magnetic North: 11.39° Magnetic Field Strength: 52177.6snT Dip Angle: 65.56° Date: 11/19/2010 Model: IGRF200510

ANNOTATIONS

| TVD | MD | Inc | Azi | +N/-S | +E/-W | VSect | Departure | Annotation |
|---------|---------|--------|--------|---------|----------|---------|-----------|-----------------------|
| 1053.96 | 1054.00 | 0.400 | 161.70 | -5.36 | 6.26 | -8.12 | 1.04 | As of Jan 17 |
| 3365.60 | 3916.00 | 41.700 | 300.20 | 818.53 | -1270.15 | 1510.27 | 1530.83 | As of Jan 19 |
| 4970.85 | 5823.00 | 7.800 | 302.80 | 1299.55 | -2097.56 | 2467.26 | 2488.54 | As of Jan 21 |
| 7157.16 | 8011.00 | 1.200 | 215.10 | 1300,33 | -2152.18 | 2514.49 | 2555.10 | As of Jan 26 |
| 7439.10 | 8293.00 | 1.200 | 203.50 | 1295,80 | -2155.42 | 2514.94 | 2560.84 | Proj to TD @ 8293' MD |
| | | | | | | | | |





Survey Report



Company:

Bill Barrett Corp.

Project: Site:

Carbon County, UT [NAD27] Prickly Pear SE 15 Pad Prickly Pear UF 11A-15D-12-15

Well:

Wellbore #1

Wellbore: Design:

Wellbore #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Database:

Survey Calculation Method:

True

KB @ 7104.00ft

KB @ 7104.00ft

Minimum Curvature

Compass VM

Project

Carbon County, UT [NAD27]

Map System:

US State Plane 1927 (Exact solution)

NAD 1927 (NADCON CONUS)

Geo Datum: Map Zone:

Utah Central 4302

System Datum:

Mean Sea Level

Using geodetic scale factor

Well Prickly Pear UF 11A-15D-12-15

Site

From:

Prickly Pear SE 15 Pad

Site Position:

Lat/Long

Northing:

525,942.48 usft

Latitude:

Longitude:

39° 46' 12.85 N

Position Uncertainty:

0.00 ft

Easting: Slot Radius: 2,360,547.77 usft 1.10 ft

110° 13′ 2.02 W

Grid Convergence:

0.82

Well

Prickly Pear UF 11A-15D-12-15

Well Position

+N/-S +E/-W

0.00 ft 0.00 ft

Northing: Easting:

525,942,42 usft 2,360,547.42 usft

11.39

Latitude: Longitude: 39° 46' 12.85 N

52,178

Position Uncertainty

0.00 ft

Wellhead Elevation:

11/19/10

0.00

Ground Level:

110° 13' 2.02 W 7,088.00 ft

Wellbore

Wellbore #1

Magnetics

Model Name

IGRF200510

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

(nT)

Wellbore #1

Audit Notes:

Version:

Design

1.0

Phase:

ACTUAL

Tie On Depth:

0.00

0.00

Vertical Section:

Depth From (TVD)

+N/-S

+E/-W

Direction

65.56

(ft)

(ft) 0.00 (ft)

(°)

300.96

Survey Program

Date 01/27/11

From

(ft)

To (ft)

Survey (Wellbore)

Tool Name

Description

100.00 1,054.00

890.00 Gyro Surveys (Wellbore #1) 8,293.00 Surveys (Wellbore #1)

MWD MWD MWD - Standard MWD - Standard

Survey

| Measured | | | Vertical | | | Vertical | Dogleg | Build | Turn | | |
|---------------|--------------------|----------------|---------------|---------------|---------------|-----------------|-------------------|-------------------|-------------------|--|--|
| Depth (ft) | Inclination (°) | Azimuth (°) | Depth (ft) | +N/-S (ft) | +E/-W (ft) | Section (ft) | Rate (°/100ft) | Rate (°/100ft) | Rate (°/100ft) | | |
| 890.00 | 0.330 | 109.41 | 889.96 | -4.66 | 5.63 | -7.22 | 0.00 | 0.00 | 0.00 | | |
| 971.80 | 0.328 | 138.18 | 971.76 | -4.91 | 6.01 | -7.68 | 0:20 | 0.00 | 35.17 | | |
| 9 5/8" | | | | | | | | | | | |
| 1,054.00 | 0.400 | 161.70 | 1,053.96 | -5.36 | 6.26 | -8.12 | 0:20 | 0.09 | 28.61 | | |
| 1,149.00 | 2.700 | 316.70 | 1,148.93 | -4.04 | 4.82 | -6.22 | 3,23 | 2.42 | 163.16 | | |
| 1,245.00 | 6.300 | 315.80 | 1,244.62 | 1.38 | -0.40 | 1.05 | 3.75 | 3.75 | -0.94 | | |
| 1,340.00 | 6.400 | 316,90 | 1,339.04 | 8.98 | -7.65 | 11.18 | 0.17 | 0.11 | 1.16 | | |
| 1,435.00 | 9.700 | 319.90 | 1,433.09 | 18.97 | -16.43 | 23.85 | 3.50 | 3.47 | 3.16 | | |
| 1,531.00 | 10.600 | 320.20 | 1,527.58 | 31.94 | -27.29 | 39.83 | 0.94 | 0.94 | 0.31 | | |
| 1,630.00 | 15.300 | 324.60 | 1,624.04 | 49.60 | -40.69 | 60.41 | 4.85 | 4.75 | 4.44 | | |



Survey Report



Company:

Bill Barrett Corp.

Carbon County, UT [NAD27] Project: Prickly Pear SE 15 Pad Site:

Well:

Prickly Pear UF 11A-15D-12-15

Wellbore:

Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Well Prickly Pear UF 11A-15D-12-15

KB @ 7104.00ft

KB @ 7104.00ft

True

Minimum Curvature

| Design: We | llbore #1 | | | Database: | | , C(| ompass VM | | |
|---------------|--------------------|----------------|---------------|---------------|---------------|---------------------|-------------------|-------------------|-------------------|
| Survey | | | | | | | | | |
| | | | | | | | | | |
| Measured | | | Vertical | | | Vertical Section | Dogleg | Build | Turn |
| Depth (ft) | Inclination (°) | Azimuth (°) | Depth (ft) | +N/-S (ft) | +E/-W (ft) | (ft) | Rate (°/100ft) | Rate (°/100ft) | Rate (°/100ft) |
| | | | | | | | (710014) | (/ 1001.) | (710014) |
| 1,725.00 | 20.800 | 320.80 | 1,714.33 | 72.90 | -58.63 | 87.78 | 5.92 | 5.79 | -4.00 |
| 1,820.00 | 26.200 | 316.80 | 1,801.43 | 101.29 | -83.66 | 123.85 | 5.92 | 5.68 | -4.21 |
| 1,915.00 | 31.200 | 312.10 | 1,884.74 | 133.09 | -116.30 | 168.20 | 5.77 | 5.26 | -4.95 |
| 2,009.00 | 37.400 | 308.50 | 1,962.36 | 167.23 | -156.75 | 220.45 | 6.94 | 6.60 | -3.83 |
| 2,104.00 | 43.800 | 305.30 | 2,034.47 | 204.23 | -206.22 | 281.90 | 7.08 | 6.74 | -3.37 |
| 2,199.00 | 45.200 | 301.80 | 2,102.23 | 240.99 | -261.71 | 348.40 | 2.97 | 1.47 | -3.68 |
| 2,294.00 | 43.700 | 301.70 | 2,170.05 | 276.00 | -318.28 | 414.92 | 1.58 | -1.58 | -0.11 |
| 2,389.00 | 43.700 | 301.50 | 2,238.73 | 310.39 | -374.18 | 480.55 | 0.15 | 0.00 | -0.21 |
| 2,484.00 | 42.400 | 300.60 | 2,308.15 | 343.84 | -429.73 | 545.39 | 1.51 | -1.37 | -0.95 |
| 2,579.00 | 42.600 | 299.60 | 2,378.19 | 376.03 | -485.26 | 609.57 | 0.74 | 0.21 | -1.05 |
| 2,675.00 | 42.400 | 299.80 | 2,448.97 | 408.16 | -541.59 | 674.41 | 0.25 | -0.21 | 0.21 |
| 2,771.00 | 42.900 | 299.50 | 2,519.58 | 440.34 | -598.12 | 739.43 | 0.56 | 0.52 | -0.31 |
| 2,866.00 | 42.300 | 298.50 | 2,589.51 | 471.51 | -654.36 | 803.69 | 0.95 | -0.63 | -1.05 |
| 2,963.00 | 42.200 | 297.30 | 2,661.31 | 502.03 | -711.99 | 868.82 | 0.84 | -0.10 | -1.24 |
| 3,058.00 | 41.900 | 296.60 | 2,731.86 | 530.87 | -768.71 | 932.29 | 0.59 | -0.32 | -0.74 |
| 3,154.00 | 42.500 | 297.80 | 2,802.97 | 560.35 | -826.06 | 996.64 | 1.05 | 0.63 | 1.25 |
| 3,249.00 | 43.100 | 297.80 | 2,872.68 | 590.45 | -883.16 | 1,061.08 | 0.63 | 0.63 | 0.00 |
| 3,439.00 | 43.600 | 300.50 | 3,010.85 | 653.98 | -997.04 | 1,191.42 | 1.01 | 0.26 | 1.42 |
| 3,535.00 | 41.700 | 301.20 | 3,081.46 | 687.33 | -1,052.88 | 1,256.46 | 2.04 | -1.98 | 0.73 |
| 3,630.00 | 41.600 | 301.40 | 3,152.44 | 720,13 | -1,106.82 | 1,319.59 | 0.18 | -0.11 | 0.21 |
| 3,726.00 | 41.700 | 301.50 | 3,224.18 | 753.41 | -1,161.25 | 1,383.39 | 0.13 | 0.10 | 0.10 |
| 3,821.00 | 42.100 | 300.90 | 3,294.89 | 786.28 | -1,215.52 | 1,446.83 | 0.60 | 0.42 | -0.63 |
| 3,916.00 | 41.700 | 300.20 | 3,365.60 | 818.53 | -1,270.15 | 1,510.27 | 0.65 | -0.42 | -0.74 |
| 4,012.00 | 42.500 | 299.30 | 3,436.83 | 850.46 | -1,326.03 | 1,574.62 | 1.04 | 0.83 | -0.94 |
| 4,108.00 | 42.700 | 299.10 | 3,507.49 | 882.16 | -1,382.75 | 1,639.57 | 0.25 | 0.21 | -0.21 |
| 4,203.00 | 43.200 | 298.40 | 3,577.03 | 913.29 | -1,439.50 | 1,704.25 | 0.73 | 0.53 | -0.74 |
| 4,298.00 | 43.900 | 297.80 | 3,645.88 | 944.12 | -1,497.24 | 1,769.62 | 0.86 | 0.74 | -0.63 |
| 4,394.00 | 42.600 | 299.30 | 3,715.80 | 975.55 | -1,555.02 | 1,835.33 | 1.73 | -1.35 | 1.56 |
| 4,489.00 | 42.900 | 299.10 | 3,785.57 | 1,007.01 | -1,611.31 | 1,899.79 | 0.35 | 0.32 | -0.21 |
| 4,584.00 | 42.100 | 299.10 | 3,855.61 | 1,038.22 | -1,667.39 | 1,963.93 | 0.84 | -0.84 | 0.00 |
| 4,680.00 | 40.100 | 301.50 | 3,927.95 | 1,070.03 | -1,721.88 | 2,027.02 | 2.65 | -2.08 | 2.50 |
| 4,775.00 | 34.900 | 303.10 | 4,003.29 | 1,100.88 | -1,770.77 | 2,084.82 | 5.57 | -5.47 | 1.68 |
| 4,871.00 | 31.600 | 302.80 | 4,083.57 | 1,129.51 | -1,814.93 | 2,137.41 | 3.44 | -3.44 | -0.31 |
| 4,966.00 | 27.600 | 300.20 | 4,166.15 | 1,154.07 | -1,854.89 | 2,184.32 | 4.42 | -4.21 | -2.74 |
| 5,061.00 | 25.700 | 300.40 | 4,251.06 | 1,175.57 | -1,891.68 | 2,226.92 | 2.00 | -2.00 | 0.21 |
| 5,156.00 | 23.100 | 299.80 | 4,337.57 | 1,195.26 | -1,925.62 | 2,266.16 | 2.75 | -2.74 | -0.63 |
| 5,252.00 | 22.800 | 299.20 | 4,425.97 | 1,213.69 | -1,958.20 | 2,303.58 | 0.40 | -0.31 | -0.63 |
| 5,348.00 | 22.000 | 299.00 | 4,514.72 | 1,231.48 | -1,990.17 | 2,340.14 | 0.84 | -0.83 | -0.21 |
| 5,442.00 | 20.200 | 297.80 | 4,602.42 | 1,247.59 | -2,019.92 | 2,373.95 | 1.97 | -1.91 | -1.28 |
| 5,537.00 | 18.200 | 302.90 | 4,692.14 | 1,263.30 | -2,046.89 | 2,405.16 | 2.75 | -2.11 | 5.37 |
| 5,631.00 | 14.300 | 307.20 | 4,782.37 | 1,278.30 | -2,068.47 | 2,431.38 | 4.34 | -4.15 | 4.57 |
| 5,727.00 | 10.600 | 306.70 | 4,876.09 | 1,290.75 | -2,085.00 | 2,451.96 | 3.86 | -3.85 | -0.52 |
| 5,823.00 | 7.800 | 302.80 | 4,970.85 | 1,299.55 | -2,097.56 | 2,467.26 | 2.99 | -2.92 | -4.06 |



Survey Report



Company: Project:

Site:

Carbon County, UT [NAD27] Prickly Pear SE 15 Pad

Well: Prickly Pear UF 11A-15D-12-15 Wellbore:

Wellbore #1 Wellbore #1

Bill Barrett Corp.

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: **Survey Calculation Method:**

Database:

Well Prickly Pear UF 11A-15D-12-15

KB @ 7104.00ft KB @ 7104.00ft

True

Minimum Curvature Compass VM

Design:

| Measured | | | Vertical | | | Vertical | Dogleg | Build | Turn |
|---------------|--------------------|----------------|---------------|---------------|---------------|-----------------|-------------------|-------------------|-------------------|
| Depth (ft) | Inclination (°) | Azimuth (°) | Depth (ft) | +N/-S (ft) | +E/-W (ft) | Section (ft) | Rate (°/100ft) | Rate (°/100ft) | Rate (°/100ft) |
| 5,918.00 | 6.400 | 305.50 | 5,065.12 | 1,306.12 | -2,107.29 | 2,478.98 | 1.51 | -1.47 | 2.84 |
| 6,014.00 | 3.500 | 295.10 | 5,160.75 | 1,310.47 | -2,114.30 | 2,487.23 | 3.15 | -3.02 | -10.83 |
| 6,109.00 | 1.700 | 307.70 | 5,255.65 | 1,312.56 | -2,118.04 | 2,491.51 | 1.98 | -1.89 | 13.26 |
| 6,205.00 | 1.100 | 319.80 | 5,351.62 | 1,314.14 | -2,119.77 | 2,493.80 | 0.69 | -0.63 | 12.60 |
| 6,299.00 | 1.000 | 291.80 | 5,445.61 | 1,315.13 | -2,121.11 | 2,495.46 | 0.55 | -0.11 | -29.79 |
| 6,396.00 | 1.100 | 294.10 | 5,542.59 | 1,315.83 | -2,122.74 | 2,497.22 | 0.11 | 0.10 | 2.37 |
| 6,490.00 | 1.200 | 292.00 | 5,636.57 | 1,316.56 | -2,124.48 | 2,499.09 | 0.12 | 0.11 | -2.23 |
| 6,585.00 | 1.300 | 275.90 | 5,731.55 | 1,317.05 | -2,126.48 | 2,501.05 | 0.38 | 0.11 | -16.95 |
| 6,681.00 | 1.000 | 263.30 | 5,827.53 | 1,317.06 | -2,128.39 | 2,502.70 | 0.41 | -0.31 | -13.13 |
| 6,776.00 | 1.400 | 249.00 | 5,922.51 | 1,316.55 | -2,130.30 | 2,504.07 | 0.52 | 0.42 | -15.05 |
| 6,871.00 | 1.400 | 259.00 | 6,017.48 | 1,315.91 | -2,132.52 | 2,505.65 | 0.26 | 0.00 | 10.53 |
| 6,963.00 | 1.800 | 247.50 | 6,109.44 | 1,315.15 | -2,134.96 | 2,507.35 | 0.56 | 0.43 | -12.50 |
| 7,058.00 | 1.800 | 242.20 | 6,204.40 | 1,313.88 | ~2,137.66 | 2,509.01 | 0.18 | 0.00 | -5.58 |
| 7,154.00 | 1.900 | 249.20 | 6,300.35 | 1,312.61 | -2,140.48 | 2,510.78 | 0.26 | 0.10 | 7.29 |
| 7,249.00 | 0.800 | 202.30 | 6,395.32 | 1,311.44 | -2,142.20 | 2,511.65 | 1.55 | -1.16 | -49.37 |
| 7,344.00 | 0.700 | 199.70 | 6,490.31 | 1,310.28 | -2,142.65 | 2,511.44 | 0.11 | -0.11 | -2.74 |
| 7,440.00 | 1.000 | 211.10 | 6,586.30 | 1,309.01 | -2,143.28 | 2,511.32 | 0.36 | 0.31 | 11.88 |
| 7,536.00 | 1.000 | 216.10 | 6,682.29 | 1,307.61 | -2,144.21 | 2,511.40 | 0.09 | 0.00 | 5.21 |
| 7,630.00 | 1.100 | 213.20 | 6,776.27 | 1,306.20 | -2,145.18 | 2,511.51 | 0.12 | 0.11 | -3.09 |
| 7,726.00 | 1.400 | 233.90 | 6,872.25 | 1,304.73 | -2,146.64 | 2,512.00 | 0.56 | 0.31 | 21.56 |
| 7,821.00 | 1.900 | 236.60 | 6,967.21 | 1,303.18 | -2,148.89 | 2,513.14 | 0.53 | 0.53 | 2.84 |
| 7,917.00 | 1.100 | 230.00 | 7,063.18 | 1,301.71 | -2,150.92 | 2,514.13 | 0.85 | -0.83 | -6.88 |
| 8,011.00 | 1.200 | 215.10 | 7,157.16 | 1,300.33 | -2,152.18 | 2,514.49 | 0.33 | 0.11 | -15.85 |
| 8,107.00 | 1.100 | 234.90 | 7,253.14 | 1,298.98 | -2,153.51 | 2,514.94 | 0,42 | -0.10 | 20.63 |
| 8,203.00 | 1.200 | 203.50 | 7,349.12 | 1,297.53 | -2,154.67 | 2,515.18 | 0.66 | 0.10 | -32.71 |
| 8,293.00 | 1.200 | 203.50 | 7,439.10 | 1,295.80 | -2,155.42 | 2,514.94 | 0.00 | 0.00 | 0.00 |

| Casing Points | | | | | | | |
|---------------|----------|--------|------|-----|--------|----------|---|
| Measured | Vertical | | | C | asing | Hole | |
| Depth | Depth | | | Dia | ameter | Diameter | |
| (ft) | (ft) | | Name | | (ft) | (ft) | |
| 971.80 | 971.76 | 9 5/8" | | | 0.80 | 1.02 | ļ |

| Survey Annotations | | | | |
|--------------------|-------------------|----------------------|-----------|-----------------------|
| Measured Depth | Vertical Depth | Local Coord +N/-S | +E/-W | |
| (ft) | (IT) | (ft) | (ft) | Comment |
| 1,054.00 | 1,053.96 | -5.36 | 6.26 | As of Jan 17 |
| 3,916.00 | 3,365.60 | 818.53 | -1,270.15 | As of Jan 19 |
| 5,823.00 | 4,970.85 | 1,299.55 | -2,097.56 | As of Jan 21 |
| 8,011.00 | 7,157.16 | 1,300.33 | -2,152.18 | As of Jan 26 |
| 8,293.00 | 7,439.10 | 1,295.80 | -2,155.42 | Proj to TD @ 8293' MD |



Survey Report



Company:

Bill Barrett Corp.

Project: Site: Carbon County, UT [NAD27]
Prickly Pear SE 15 Pad

Well:

Prickly Pear UF 11A-15D-12-15

Wellbore: Design:

Wellbore #1
Wellbore #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference:
North Reference:

Survey Calculation Method: Database:

KB @ 7104.00ft True

Minimum Curvature

KB @ 7104.00ft

Well Prickly Pear UF 11A-15D-12-15

Compass VM

| Checked By: | Approved By: | Date: |
|-------------|--------------|-------|
| | | |

| | STATE OF UTAH | | FORM 9 | | | | |
|--|---|--|---|--|--|--|--|
| | DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI | NG | 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-65773 | | | | |
| SUNDI | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | | | | | | |
| | sals to drill new wells, significantly deepen ex ugged wells, or to drill horizontal laterals. Use | | 7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR | | | | |
| 1. TYPE OF WELL Gas Well | | | 8. WELL NAME and NUMBER: PRICKLY PEAR UNIT FED 11A-15D-12-15 | | | | |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | | 9. API NUMBER: 43007500490000 | | | | |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , I | PHONE Denver, CO, 80202 303 312- | NUMBER: 8164 Ext | 9. FIELD and POOL or WILDCAT: PRICKLY PEAR | | | | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1360 FSL 1192 FEL QTR/QTR, SECTION, TOWNSH: | TD DANGE MEDIDIAN. | | COUNTY: CARBON | | | | |
| | Township: 12.0S Range: 15.0E Meridian: S | | STATE: UTAH | | | | |
| 11. CHE | CK APPROPRIATE BOXES TO INDICATE | NATURE OF NOTICE, REPORT, | OR OTHER DATA | | | | |
| TYPE OF SUBMISSION | | TYPE OF ACTION | | | | | |
| , | ☐ ACIDIZE ☐ | ALTER CASING | ☐ CASING REPAIR | | | | |
| ✓ NOTICE OF INTENT Approximate date work will start: 10/31/2012 | ☐ CHANGE TO PREVIOUS PLANS | CHANGE TUBING | CHANGE WELL NAME | | | | |
| 10/31/2012 | ☐ CHANGE WELL STATUS | COMMINGLE PRODUCING FORMATIONS | CONVERT WELL TYPE | | | | |
| SUBSEQUENT REPORT Date of Work Completion: | DEEPEN | FRACTURE TREAT | ☐ NEW CONSTRUCTION | | | | |
| | ☐ PRODUCTION START OR RESUME | │ PLUG AND ABANDON RECLAMATION OF WELL SITE | □ PLUG BACK □ RECOMPLETE DIFFERENT FORMATION | | | | |
| SPUD REPORT Date of Spud: | REPERFORATE CURRENT FORMATION | SIDETRACK TO REPAIR WELL | TEMPORARY ABANDON TEMPORARY ABANDON | | | | |
| Dute of Spau. | ☐ TUBING REPAIR | VENT OR FLARE | ☐ WATER DISPOSAL | | | | |
| ☐ DRILLING REPORT | □ WATER SHUTOFF □ | SI TA STATUS EXTENSION | APD EXTENSION | | | | |
| Report Date: | ☐ WILDCAT WELL DETERMINATION ☐ | OTHER | OTHER: | | | | |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. BBC is submitting this sundry to request permission from the BLM that the cuttings pit/trench on the SE 15 pad remain open past the allocated time specified in the approved APD and according to UDOGM R649-3-16-3 due taccepted by the plans to reoccupy this pad and drill an additional three wells in fall of 2012. Utah Division of Originally BBC planned to reoccupy this pad in late 2011 and the Price BLMOTO Gas and Mining approved a previous sundry on 6/10/2011 requesting the pad remain the page of RECORD ONLY until reoccupancy. The pit will remain fenced on all 4 sides until reoccupancy. Please contact Brady Riley with questions at 303-312-8115. | | | | | | | |
| NAME (PLEASE PRINT) Brady Riley | PHONE NUMBER 303 312-8115 | TITLE Permit Analyst | | | | | |
| SIGNATURE N/A | | DATE 12/2/2011 | | | | | |

Sundry Number: 28209 API Well Number: 43007500490000

| | | | | - | |
|--|--|---------------------|---|--|--|
| | STATE OF UTAH | | | FORM 9 | |
| | DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M | | i | 5.LEASE DESIGNATION OF THE PROPERTY OF THE PRO | GNATION AND SERIAL NUMBER: |
| SUNDR | RY NOTICES AND REPORTS | S ON | WELLS | 6. IF INDIAN, A | LLOTTEE OR TRIBE NAME: |
| Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL form | posals to drill new wells, significantl reenter plugged wells, or to drill horiz n for such proposals. | ly deep zontal l | en existing wells below aterals. Use APPLICATION | 7.UNIT or CA A PRICKLY PEA | GREEMENT NAME: R |
| 1. TYPE OF WELL Gas Well | | | | 8. WELL NAME PRICKLY PEA 11A-15D-12 | R UNIT FED |
| 2. NAME OF OPERATOR: BILL BARRETT CORP | | | | 9. API NUMBER 4300750049 | |
| 3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 | , Denver, CO, 80202 | | NE NUMBER: 12-8164 Ext | 9. FIELD and P PRICKLY PEA | OOL or WILDCAT: R |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1360 FSL 1192 FEL | | | | COUNTY: CARBON | |
| QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NESE Section: 1 | HIP, RANGE, MERIDIAN: 5 Township: 12.0S Range: 15.0E Mer | idian: S | 3 | STATE: UTAH | |
| 11. CHEC | K APPROPRIATE BOXES TO INDIC | ATE NA | ATURE OF NOTICE, REPOR | RT, OR OTHER | R DATA |
| TYPE OF SUBMISSION | | | TYPE OF ACTION | | |
| | ACIDIZE | A | LTER CASING | CASING | G REPAIR |
| NOTICE OF INTENT Approximate date work will start: | CHANGE TO PREVIOUS PLANS | □ c | HANGE TUBING | CHANG | SE WELL NAME |
| Approximate date work will start. | CHANGE WELL STATUS | □ c | OMMINGLE PRODUCING FORMATIONS | CONVE | RT WELL TYPE |
| SUBSEQUENT REPORT Date of Work Completion: | DEEPEN | □ F | RACTURE TREAT | □ NEW C | ONSTRUCTION |
| 7/31/2012 | OPERATOR CHANGE | | LUG AND ABANDON | ☐ PLUG B | DACK |
| | PRODUCTION START OR RESUME | | ECLAMATION OF WELL SITE | | IPLETE DIFFERENT FORMATION |
| SPUD REPORT Date of Spud: | | | | | |
| | | | IDETRACK TO REPAIR WELL | | RARY ABANDON |
| DRILLING REPORT | TUBING REPAIR | | ENT OR FLARE | | DISPOSAL |
| Report Date: | WATER SHUTOFF | ∟ s | I TA STATUS EXTENSION | APD EX | CTENSION |
| | WILDCAT WELL DETERMINATION | ✓ 。 | THER | OTHER: pit | closure |
| | completed operations. Clearly shoon the above referenced well 15 pad on 7/31/2012 | II loca | | Acce Utah Oil, Ga FOR R | pted by the Division of Stand Mining ECORD ONLY ber 26, 2012 |
| Megan Finnegan | 303 299-9949 | IDEK | Permit Analyst | | |
| SIGNATURE N/A | | | DATE 7/31/2012 | | |

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

| ROUTING |
|---------|
| CDW |

| The operator of the well(s) listed below has changed, effective: FROM: (Old Operator): N2165-Bill Barrett Corporation 1099 18th Street, Suite 230 Denver, CO 80202 Phone: 1 (303) 312-8134 Phone: 1 (713) 659-3500 CANO. Unit: Prickly Pear WELL NAME SEC TWN RNG API NO. ENTITY LEASE TYPE WELL NO. TYPE STATUS See Attached List OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 1/7/2014 2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 1/7/2014 3. The new company was checked on the Department of Commerce, Division of Corporations Database on: 1/28/2014 4. Is the new operator registered in the State of Unit: Business number: 8850806-0161 5a. (R649-9-2)Waste Management Plan has been received on: 5b. Inspections of LA PA staticle well sites complete on: 5c. Reports current for Production/Disposition & Sundries on: 1/24/2014 5b. Inspections of LA PA staticle well sites complete on: 5c. Reports current for Production/Disposition & Sundries on: 1/24/2014 6c. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on frederal or Indian leases on: BLM Not Yet BIA N/A Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet DATA ENTRY: 1. Changes have been entered on the Monthly Operator Change Spread Sheet on: 1/28/2014 2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 1/28/2014 3. Dond information entered in the BIAB on Projects to new operator in RBDMS on: 1/28/2014 4. FeeState wells attached to bond in RBDMS on: 1/28/2014 5. Federal well(s) covered by Bond Number: 1/28/2014 6. Receipt of Acceptance of Drilling Procedures for APD/New on: 1/28/2014 6. Receipt of Acceptance of Drilling Procedures for APD/New on: 1/28/2014 6. Receipt of Acceptance of Drilling Procedures for APD/New on: 1/28/2014 | X - Change of Operator (Well Sold) | | | Operator Na | ame Chan | ge/Merger | | <u>-</u> | |
|--|--|----------------------|-------------|--------------------|--|-----------------|--------|-----------|--|
| N2165-Bill Barreti Corporation N44040-EnerVest Operating, LLC | The operator of the well(s) listed below has char | | | 1/1/2014 | | | | | |
| 1090 Franzinis Street, Suite 230 1000 Franzinis Street, Suite 800 Houston, TX 77002 Houston, TX 77004 Houston, TX 77 | FROM: (Old Operator): | TO: (New Operator): | | | | | | | |
| Denver, CO 80202 | N2165-Bill Barrett Corporation | N4040-EnerVe | st Operatin | g, LLC | | | | | |
| Phone: 1 (303) 312-8134 Prickly Pear CA No. Unit: Prickly Pear CA No. BRITTY LEASE TYPE WELL TYPE STATUS See Attached List Prickly Pear WELL NAME See Attached List OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 1/7/2014 3. The new company was checked on the Department of Commerce, Division of Corporations Database on: 1/28/2014 4a. Is the new operator registered in the State of Utals: Business Number: 8850806-0161 5b. Inspections of LA PA state/fee well sites complete on: Yes CR. (R649-8-10) Waste Management Plan has been received on: Not Yet 5b. Inspections of LA PA state/fee well sites complete on: Yes CR. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet Federal and Indian Units: 18-18-18-18-18-18-18-18-18-18-18-18-18-1 | 1099 18th Street, Suite 230 | | | 1001 Fannin St | reet, Suite | 300 | | | |
| CA No. Unit: Prickly Pear WELL NAME SEC TWN RNG API NO ENTITY LEASE TYPE WELL STATUS | Denver, CO 80202 | | | Houston, TX 7 | 7002 | | | | |
| CA No. Unit: Prickly Pear WELL NAME SEC TWN RNG API NO ENTITY LEASE TYPE WELL STATUS | | | | | | | | | |
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| No TYPE STATUS | CA No. | CA No. | | | Unit: Prickly Pear | | | | |
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| Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 1/7/2014 2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 1/7/2014 3. The new company was checked on the Department of Commerce, Division of Corporations Database on: 1/28/2014 4a. Is the new operator registered in the State of Utah: Business Number: 8850806-0161 5a. (R649-9-2) Waste Management Plan has been received on: Not Yet 5b. Inspections of LA PA state/fee well sites complete on: Yes 5c. Reports current for Production/Disposition & Sundries on: 1/24/2014 6. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A 7. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet 8. Federal and Indian Communization Agreements ("CA"): The BLM or BIA has approved the operator for all wells listed within a CA on: Not Yet 9. Underground Injection Control ("UIC") Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Yes DATA ENTRY: 1. Changes entered in the Oil and Gas Database on: 1/28/2014 2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 1/28/2014 3. Bond information entered in RBDMS on: 1/28/2014 4. Fee/State wells attached to bond in RBDMS on: 1/28/2014 5. Received the Operator of Projects to new operator in RBDMS on: 1/28/2014 6. Receipt of Acceptance of Drilling Procedures for APD/New on: 1/7/2014 BOND VERIFICATION: 8. Changes have been entered on the Monthly Operator Operator of Received on: N/A 1. Fee/State wells attached to bond Number: BDMS on: 1/28/2014 1. Federal well(s) covered by Bond Number: BDMS on: 1/28/2014 3. RLB7886 3. RG49-3-1) The NEW operator of any state/fee well(s) listed covered by Bond Number | See Attached List | | | l | L | 1. | | | |
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| Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: DATA ENTRY: 1. Changes entered in the Oil and Gas Database on: 2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 3. Bond information entered in RBDMS on: 4. Fee/State wells attached to bond in RBDMS on: 4. Pee/State wells attached to bond in RBDMS on: 5. Injection Projects to new operator in RBDMS on: 6. Receipt of Acceptance of Drilling Procedures for APD/New on: 7. Surface Agreement Sundry from NEW operator on Fee Surface wells received on: 8. Harden Well(s) covered by Bond Number: 9. Indian well(s) covered by Bond Number: 9. RLB7886 9. Indian well(s) covered by Bond Number: 9. RLB788 | | | | | orm 5 Trai | | ity to | | |
| DATA ENTRY: 1. Changes entered in the Oil and Gas Database on: 2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 3. Bond information entered in RBDMS on: 4. Fee/State wells attached to bond in RBDMS on: 5. Injection Projects to new operator in RBDMS on: 6. Receipt of Acceptance of Drilling Procedures for APD/New on: 7. Surface Agreement Sundry from NEW operator on Fee Surface wells received on: 1/7/2014 BOND VERIFICATION: 1. Federal well(s) covered by Bond Number: 2. Indian well(s) covered by Bond Number: 3. (R649-3-1) The NEW operator of any state/fee well(s) listed covered by Bond Number 3. (R649-3-1) The NEW operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014 1/28/2014 1/28/2014 | • | • | | • | | | • | | |
| 1. Changes entered in the Oil and Gas Database on: 1/28/2014 2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 1/28/2014 3. Bond information entered in RBDMS on: 1/28/2014 4. Fee/State wells attached to bond in RBDMS on: 1/28/2014 5. Injection Projects to new operator in RBDMS on: 1/28/2014 6. Receipt of Acceptance of Drilling Procedures for APD/New on: 1/7/2014 7. Surface Agreement Sundry from NEW operator on Fee Surface wells received on: 1/7/2014 BOND VERIFICATION: 1. Federal well(s) covered by Bond Number: RLB7886 2. Indian well(s) covered by Bond Number: RLB7886 3a. (R649-3-1) The NEW operator of any state/fee well(s) listed covered by Bond Number B008371 3b. The FORMER operator has requested a release of liability from their bond on: N/A LEASE INTEREST OWNER NOTIFICATION: 4. (R649-2-10) The NEW operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014 | | ma project | 101 the w | ater disposur wer | 11(3) 113100 0 | | | - | |
| 2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 3. Bond information entered in RBDMS on: 4. Fee/State wells attached to bond in RBDMS on: 5. Injection Projects to new operator in RBDMS on: 6. Receipt of Acceptance of Drilling Procedures for APD/New on: 7. Surface Agreement Sundry from NEW operator on Fee Surface wells received on: 8. Federal well(s) covered by Bond Number: 9. Indian well(s) covered by Bond Number: 1. Federal well(s) covered by Bond Number: 2. Indian well(s) covered by Bond Number: 3. (R649-3-1) The NEW operator of any state/fee well(s) listed covered by Bond Number 3. The FORMER operator has requested a release of liability from their bond on: 1. N/A LEASE INTEREST OWNER NOTIFICATION: 4. (R649-2-10) The NEW operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1. 1/28/2014 | | on: | | 1/28/2014 | | | | | |
| 3. Bond information entered in RBDMS on: 4. Fee/State wells attached to bond in RBDMS on: 5. Injection Projects to new operator in RBDMS on: 6. Receipt of Acceptance of Drilling Procedures for APD/New on: 7. Surface Agreement Sundry from NEW operator on Fee Surface wells received on: 8 | _ | | hange Sp | | • | 1/28/2014 | | | |
| 5. Injection Projects to new operator in RBDMS on: 6. Receipt of Acceptance of Drilling Procedures for APD/New on: 7. Surface Agreement Sundry from NEW operator on Fee Surface wells received on: 8 | | • | | | | | • | | |
| 6. Receipt of Acceptance of Drilling Procedures for APD/New on: 7. Surface Agreement Sundry from NEW operator on Fee Surface wells received on: 8 | 4. Fee/State wells attached to bond in RBDMS of | n: | | 1/28/2014 | | | | | |
| 7. Surface Agreement Sundry from NEW operator on Fee Surface wells received on: 1/7/2014 BOND VERIFICATION: 1. Federal well(s) covered by Bond Number: 2. Indian well(s) covered by Bond Number: 3a. (R649-3-1) The NEW operator of any state/fee well(s) listed covered by Bond Number 3b. The FORMER operator has requested a release of liability from their bond on: N/A LEASE INTEREST OWNER NOTIFICATION: 4. (R649-2-10) The NEW operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014 | 5. Injection Projects to new operator in RBDMS | on: | | 1/28/2014 | | | | | |
| BOND VERIFICATION: 1. Federal well(s) covered by Bond Number: 2. Indian well(s) covered by Bond Number: 3a. (R649-3-1) The NEW operator of any state/fee well(s) listed covered by Bond Number 3b. The FORMER operator has requested a release of liability from their bond on: N/A LEASE INTEREST OWNER NOTIFICATION: 4. (R649-2-10) The NEW operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014 | | | | | | 1/7/2014 | | | |
| 1. Federal well(s) covered by Bond Number: 2. Indian well(s) covered by Bond Number: 3a. (R649-3-1) The NEW operator of any state/fee well(s) listed covered by Bond Number 3b. The FORMER operator has requested a release of liability from their bond on: N/A LEASE INTEREST OWNER NOTIFICATION: 4. (R649-2-10) The NEW operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014 | | r on Fee S | urface we | lls received on: | | 1/7/2014 | 1 | | |
| 2. Indian well(s) covered by Bond Number: RLB7886 3a. (R649-3-1) The NEW operator of any state/fee well(s) listed covered by Bond Number B008371 3b. The FORMER operator has requested a release of liability from their bond on: N/A LEASE INTEREST OWNER NOTIFICATION: 4. (R649-2-10) The NEW operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014 | | | | | | | | | |
| 3a. (R649-3-1) The NEW operator of any state/fee well(s) listed covered by Bond Number B008371 3b. The FORMER operator has requested a release of liability from their bond on: N/A LEASE INTEREST OWNER NOTIFICATION: 4. (R649-2-10) The NEW operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014 | • | | • | | | | | | |
| 3b. The FORMER operator has requested a release of liability from their bond on: N/A LEASE INTEREST OWNER NOTIFICATION: 4. (R649-2-10) The NEW operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014 | · · · · · · · · · · · · · · · · · · · | | | | | | | | |
| LEASE INTEREST OWNER NOTIFICATION: 4. (R649-2-10) The NEW operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014 | 3a. (R649-3-1) The NEW operator of any state/f | ee well(s) | listed cove | ered by Bond Nu | ımber | B008371 | | | |
| 4. (R649-2-10) The NEW operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014 | 3b. The FORMER operator has requested a release | se of liabil | ity from tl | neir bond on: | N/A | | | | |
| 4. (R649-2-10) The NEW operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014 | I E A CE DIMEDECE OVINCE NOTE: | N A PROT CO - | т | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | |
| of their responsibility to notify all interest owners of this change on: 1/28/2014 | | | | 110 | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | • | om the Division | | | |
| | | ers of this | cnange on | <u>:</u> | 1/28/2014 | | | | |

| W/-11 N | | THAT | | Prickly Pear C | |) (' 1 x | G C T | XX 11 (F) | Txx 11 C |
|--|--------------|------|------|----------------|--|--|--|-----------|-------------|
| Well Name | | | | API Number | Entity | Mineral Lease | | Well Type | Well Status |
| PPU FED 11-23D-12-15 | + | 1208 | 150E | 4300731440 | | Federal | Federal | GW | APD |
| PPU FED 4-26D-12-15 | | 120S | 150E | 4300731441 | | Federal | Federal | GW | APD |
| PPU FED 14-23D-12-15 | + | 120S | 150E | 4300731442 | | Federal | Federal | GW | APD |
| PPU FED 12-23D-12-15 | + | 120S | 150E | 4300731443 | | Federal | Federal | GW | APD |
| PRICKLY PEAR U FED 12-7D-12-15 | + - + | 120S | 150E | 4300750094 | | Federal | Federal | GW | APD |
| PRICKLY PEAR U FED 11-7D-12-15 | | 120S | 150E | 4300750095 | | Federal | Federal | GW | APD |
| PRICKLY PEAR U FED 13-7D-12-15 | i | 120S | 150E | 4300750096 | | Federal | Federal | GW | APD |
| PRICKLY PEAR U FED 14-7D-12-15 | | 120S | 150E | 4300750097 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 11-8D-12-15 | | 120S | 150E | 4300750124 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 12-8D-12-15 | · | 120S | 150E | 4300750125 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 13-8D-12-15 | · | 120S | 150E | 4300750126 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 14-8D-12-15 | - | 120S | 150E | 4300750127 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 9-21D-12-15 | | 120S | 150E | 4300750128 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 9A-21D-12-15 | | 120S | 150E | 4300750129 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 10-21D-12-15 | 21 | 120S | 150E | 4300750130 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 10A-21D-12-15 | 21 | 120S | 150E | 4300750131 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 15A-21D-12-15 | 21 | 120S | 150E | 4300750132 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 15X-21D-12-15 | 21 | 120S | 150E | 4300750133 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 16-21D-12-15 | 21 | 120S | 150E | 4300750134 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 16A-21D-12-15 | 21 | 120S | 150E | 4300750135 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 13A-22D-12-15 | 21 | 120S | 150E | 4300750148 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 1A-27D-12-15 | 22 | 120S | 150E | 4300750161 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 2A-27D-12-15 | 22 | 120S | 150E | 4300750162 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 3A-27D-12-15 | 22 | 120S | 150E | 4300750163 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 9A-22D-12-15 | _ | | 150E | 4300750164 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 10A-22D-12-15 | | | 150E | 4300750165 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 11A-22D-12-15 | - | | 150E | 4300750166 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 12A-22D-12-15 | | 120S | 150E | 4300750167 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 14A-22D-12-15 | | | 150E | 4300750168 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 15A-22D-12-15 | | | 150E | 4300750169 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 16A-22D-12-15 | | | 150E | 4300750170 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 15A-15D-12-15 | | | 150E | 4300750180 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 11B-15D-12-15 | | | 150E | 4300750181 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 16A-15D-12-15 | | | 150E | 4300750184 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 3A-18D-12-15 | · | | | 4300750185 | | | Federal | GW | APD |
| PRICKLY PEAR UF 4A-18D-12-15 | | | | 4300750186 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 11A-7D-12-15 | | | 150E | | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 2-18D-12-15 | - | | 150E | 4300750188 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 12A-7D-12-15 | | | 150E | 4300750189 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 13A-7D-12-15 | | | 150E | 4300750190 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 14A-7D-12-15 | - | | 150E | 4300750190 | and the same of th | Federal | Federal | GW | APD |
| PRICKLY PEAR FEDERAL 1-12D-12-14 | | | 140E | 4300750205 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 2-12D-12-14 | | | 140E | 4300750205 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 7-12D-12-14 | | | 140E | 4300750207 | | | Federal | GW | APD |
| PRICKLY PEAR UF 7A-12D-12-14 | - | | 140E | 4300750207 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 8-12D-12-14 | | | | | | | | <u> </u> | |
| PRICKLY PEAR UF 8-12D-12-14 PRICKLY PEAR UF 4-7D-12-15 | | | 140E | 4300750209 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 4-7D-12-15 PRICKLY PEAR UF 5-7D-12-15 | | | 140E | 4300750210 | | · ···· · · · · · · · · · · · · · · · · | Federal | GW | APD |
| | | | 140E | 4300750211 | | | Federal | GW | APD |
| PRICKLY PEAR UF 8A-12D-12-14 | | | 140E | 4300750212 | | | Federal | GW | APD |
| PRICKLY PEAR UF 5A-7D-12-15 | | | 140E | 4300750213 | | | Federal | GW | APD |
| PRICKLY PEAR UF 7-14D-12-15 | | | 150E | 4300750214 | | | Federal | GW | APD |
| PRICKLY PEAR UF 7A-14D-12-15 | | | 150E | 4300750215 | | | Federal | GW | APD |
| PRICKLY PEAR UF 9-14D-12-15 | | | 150E | 4300750217 | | | Federal | GW | APD |
| PRICKLY PEAR UF 9A-14D-12-15 | | | 150E | 4300750218 | | | Federal | GW | APD |
| PRICKLY PEAR UF 10-14D-12-15 | | | 150E | 4300750219 | | | Federal | GW | APD |
| PRICKLY PEAR UF 10A-14D-12-15 | 14 | 120S | 150E | 4300750220 | | Federal | Federal | GW | APD |

| Well Name | Coo TWN | | API Number | | Min and Lagar | Comfort I | W-11 T | 337-11 C4-4 |
|---|--|------|------------|--------|--------------------------|-----------|-----------------|-------------|
| PRICKLY PEAR UF 15A-14D-12-15 | 14 120S | 150E | 4300750222 | Entity | Mineral Lease Federal | | Well Type GW | Well Status |
| PRICKLY PEAR UF 16-14D-12-15 | 14 120S | 150E | 4300750222 | | Federal | Federal | GW | APD APD |
| PRICKLY PEAR UF 16A-14D-12-15 | 14 120S | 150E | 4300750224 | | Federal | Federal | GW | + |
| PRICKLY PEAR UF 1A-18D-12-15 | 7 120S | 150E | 4300750225 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 2A-18D-12-15 | 7 120S | 150E | 4300750226 | | Federal | Federal | | APD |
| PRICKLY PEAR UF 9A-7D-12-15 | 7 120S | 150E | 4300730220 | | | Federal | GW | APD |
| PRICKLY PEAR UF 10A-7D-12-15 | 7 120S | 150E | | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 15A-7D-12-15 | 7 120S | | 4300750228 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 16A-7D-12-15 | | 150E | 4300750229 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 9A-12D-12-14 | 7 120S | 150E | 4300750230 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 10A-12D-12-14 | 12 120S | 140E | 4300750233 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 15A-12D-12-14 | 12 1208 | 140E | 4300750234 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 13A-12D-12-14 PRICKLY PEAR UF 12A-8D-12-15 | 12 120S | 140E | 4300750235 | | Federal | Federal | GW | APD |
| | 8 120S | 150E | 4300750236 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 16A-12D-12-14 | 12 120S | 140E | 4300750237 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 11A-8D-12-15 | 8 120S | 150E | 4300750238 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 13A-8D-12-15 | 8 120S | 150E | 4300750239 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 14A-8D-12-15 | 8 120S | 150E | 4300750240 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 5A-8D-12-15 | 8 120S | 150E | 4300750260 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 6A-8D-12-15 | 8 120S | 150E | 4300750261 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 4-8D-12-15 | 8 120S | 150E | 4300750262 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 3-8D-12-15 | 8 120S | 150E | | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 2-8D-12-15 | 8 120S | 150E | 4300750264 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 7A-8D-12-15 | · | 150E | 4300750265 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 7-8D-12-15 | | 150E | 4300750266 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 5-8D-12-15 | | 150E | 4300750267 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 6-8D-12-15 | | 150E | 4300750268 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 10A-8D-12-15 | | 150E | 4300750269 | - | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 9A-8D-12-15 | | 150E | 4300750270 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 8-8D-12-15 | | 150E | 4300750271 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 1-8D-12-15 | | 150E | 4300750272 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 8A-8D-12-15 | | 150E | 4300750273 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 5-9D-12-15 | | 150E | 4300750274 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 5A-9D-12-15 | | 150E | 4300750275 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 4-9D-12-15 | | 150E | 4300750276 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 3-9D-12-15 | | | 4300750277 | | Federal | Federal | | APD |
| PRICKLY PEAR UF 6A-9D-12-15 | | | 4300750278 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 11-9D-12-15 | | 150E | 4300750279 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 12A-9D-12-15 | | 150E | 4300750280 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 6-9D-12-15 | | 150E | 4300750281 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 11A-9D-12-15 | | 150E | 4300750282 | | Federal | Federal | GW | APD |
| PRICKLY PEAR US 1X-16D-12-15 | | 150E | 4300750283 | | State | Federal | GW | APD |
| PRICKLY PEAR UF 5A-15D-12-15 | | 150E | 4300750284 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 6A-15D-12-15 | | 150E | 4300750285 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 3-15D-13-15 | | 150E | 4300750286 | | Federal | Federal | GW | APD |
| PRICKLY PEAR UF 15A-10D-12-15 | | 150E | 4300750287 | | Federal | | GW | APD |
| PRICKLY PEAR UF 13-10D-12-15 | | 150E | 4300750288 | | Federal | | GW | APD |
| PRICKLY PEAR UF 15-10D-12-15 | | 150E | 4300750289 | | Federal | | GW | APD |
| PRICKLY PEAR UF 16A-10D-12-15 | <u> </u> | 150E | 4300750290 | | Federal | | GW | APD |
| PRICKLY PEAR UF 9-10D-12-15 | | 150E | 4300750291 | | Federal | | GW | APD |
| PRICKLY PEAR UF 14A-10D-12-15 | | 150E | 4300750292 | | | | GW | APD |
| PRICKLY PEAR UF 10-10D-12-15 | | 150E | 4300750293 | | Federal | | GW | APD |
| PRICKLY PEAR UF 16-10D-12-15 | | | 4300750294 | | | | GW | APD |
| PRICKLY PEAR UF 13-11D-12-15 | | | 4300750295 | | | | | APD |
| PRICKLY PEAR UF 13A-11D-12-15 | | | 4300750296 | | | | | APD |
| PRICKLY PEAR UF 12-11D-12-15 | | | 4300750297 | | | Federal | GW | APD |
| PRICKLY PEAR UF 13A-10D-12-15 | 10 120S | 150E | 4300750298 | | Federal | Federal | GW | APD |

| PRICKLY PEAR UF 1-10-10-12-15 | Well Name | Soc TWN | | ADI Number | | Minoral Lagra | Cumfa a a I a a a a | W-11 T | W-11 C4-4 |
|---|--------------------------------|-------------|------|-------------|-------|---------------------------------------|---|--------------|--------------|
| PRICKLY PEAR UF 14-10-12-15 | | | + | | | | | Well Type | Well Status |
| PRICKLY PEAR UF 3-10-12-15 10 1208 150E 430075002 Federal Federal GW APD | | | - | | | | | | |
| PRICKLY PEAR UF 4-150-12-15 10 1208 150E 4300750302 Federal Federal GW APD | | | | | | | | | |
| PRICKLY PEAR UF 4-15D-12-15 10 120S 150E 4300750302 Federal Federal GW APD | | | | | | | | | |
| PRICKLY PEAR UF 4-10D-12-15 10 1208 150E 4300750304 Federal Federal GW APD | | | | | | | | | |
| PRICKLY PEAR LIF 9A-17D-12-15 17 1208 150E 4300750307 Federal Federal GW APD | | | | | | | | | |
| PRICKLY PEAR UF 9.A-170-12-15 17 120S 150E 4300750306 Federal Federal GW APD | | | | | | | | | |
| PRICKLY PEAR UF 8.A-17D-12-15 | | | | | ! | | | | |
| PRICKLY PEAR UF 16A-17D-12-15 | | | | | | + | <u> </u> | + | |
| PRICKLY PEAR UF 3-70-12-15 | | | | | ! | | | 1 | |
| PRICKLY PEAR UF 16.A-17D-12-15 | | | | | | - | | | |
| PRICKLY PEAR UF 6-7D-12-15 PRICKLY PEAR UF 8-7D-12-15 PRICKLY PEAR UF 10-17-10-15 PRICKLY PEAR UF 10-17-10-15 PRICKLY PEAR UF 11-17-10-15 PRICKLY PEAR UF 11-17-10-15 PRICKLY PEAR UF 11-17-10-15 PRICKLY PEAR UF 10-17-10-15 PRICKLY PEAR UF 10 | | | - | | | | | - | |
| PRICKLY PEAR UF 15A-17D-12-15 | | | | | | · | + | | |
| PRICKLY PEAR UF A-7D-12-15 | | | + | | | | ļ | - | |
| PRICKLY PEAR UF 7A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF (SX-17D-12-15 PRICKLY PEAR UF 18A-17D-12-15 PRICKLY PEAR UF 19A-20D-12-15 PRICKLY PEAR U | | | | | | | | | |
| PRICKLY PEAR UF 8A-7D-12-15 | | | | | | | | | |
| PRICKLY PEAR UF 11A-17D-12-15 | | | | | | | | | |
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| PRICKLY PEAR UF 7A-9D-12-15 9 120S 150E 4300750343 Federal Federal GW APD PRICKLY PEAR UF 7-9D-12-15 9 120S 150E 4300750344 Federal Federal GW APD PRICKLY PEAR UF 1-9D-12-15 9 120S 150E 4300750345 Federal Federal GW APD PRICKLY PEAR UF 2-9D-12-15 9 120S 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF 1-24D-12-1 24 120S 150E 4300750348 Federal Federal GW APD PRICKLY PEAR UF 9-13D-12-15 13 120S 150E 4300750349 Federal Federal GW APD PRICKLY PEAR U FED 7-21D-12-15 21 120S 150E 4300750055 14794 Federal Federal GW OPS PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 St | | | | | | | · | | |
| PRICKLY PEAR UF 7-9D-12-15 9 120S 150E 4300750344 Federal Federal GW APD PRICKLY PEAR UF 1-9D-12-15 9 120S 150E 4300750345 Federal Federal GW APD PRICKLY PEAR UF 2-9D-12-15 9 120S 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF 1-24D-12-1 24 120S 150E 4300750348 Federal Federal GW APD PRICKLY PEAR UF 9-13D-12-15 13 120S 150E 4300750349 Federal Federal GW APD PRICKLY PEAR U FED 7-21D-12-15 21 120S 150E 4300750055 14794 Federal Federal GW OPS PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 9A-9D-12-15 9 120S 150E 4300750196 147 | | | | | | | | | |
| PRICKLY PEAR UF 1-9D-12-15 9 120S 150E 4300750345 Federal Federal GW APD PRICKLY PEAR UF 2-9D-12-15 9 120S 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF 1-24D-12-1 24 120S 150E 4300750348 Federal Federal GW APD PRICKLY PEAR UF 9-13D-12-15 13 120S 150E 4300750349 Federal Federal GW APD PRICKLY PEAR UF 1-24D-12-15 21 120S 150E 4300750055 14794 Federal GW OPS PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>Federal</td> <td></td> <td>GW</td> <td>APD</td> | | | - | | | Federal | | GW | APD |
| PRICKLY PEAR UF 2-9D-12-15 9 120S 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF 1-24D-12-1 24 120S 150E 4300750348 Federal Federal GW APD PRICKLY PEAR UF 9-13D-12-15 13 120S 150E 4300750349 Federal Federal GW APD PRICKLY PEAR U FED 7-21D-12-15 21 120S 150E 4300750055 14794 Federal GW OPS PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>Federal</td> <td></td> <td></td> <td>APD</td> | | | | | | Federal | | | APD |
| PRICKLY PEAR UF 1-24D-12-1 24 120S 150E 4300750348 Federal Federal GW APD PRICKLY PEAR UF 9-13D-12-15 13 120S 150E 4300750349 Federal Federal GW APD PRICKLY PEAR U FED 7-21D-12-15 21 120S 150E 4300750055 14794 Federal GW OPS PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS | | | | | | | | | |
| PRICKLY PEAR UF 9-13D-12-15 13 120S 150E 4300750349 Federal Federal GW APD PRICKLY PEAR U FED 7-21D-12-15 21 120S 150E 4300750055 14794 Federal GW OPS PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal GW OPS | | | | | | | | | APD |
| PRICKLY PEAR U FED 7-21D-12-15 21 120S 150E 4300750055 14794 Federal GW OPS PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal GW OPS | | | | | | | | | APD |
| PRICKLY PEAR US 1A-16D-12-15 9 120S 150E 4300750192 14794 State Federal GW OPS PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal GW OPS | PRICKLY PEAR UF 9-13D-12-15 | | | | | | | | |
| PRICKLY PEAR US 2A-16D-12-15 9 120S 150E 4300750193 14794 State Federal GW OPS PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal GW OPS | PRICKLY PEAR U FED 7-21D-12-15 | | | | | | | | |
| PRICKLY PEAR US 2-16D-12-15 9 120S 150E 4300750194 14794 State Federal GW OPS PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal Federal GW OPS | PRICKLY PEAR US 1A-16D-12-15 | | | | | | | | |
| PRICKLY PEAR UF 9A-9D-12-15 9 120S 150E 4300750196 14794 Federal Federal GW OPS PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal Federal GW OPS | PRICKLY PEAR US 2A-16D-12-15 | | | | | | Federal | GW | OPS |
| PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal Federal GW OPS | PRICKLY PEAR US 2-16D-12-15 | | | | | | Federal | GW | OPS |
| | PRICKLY PEAR UF 9A-9D-12-15 | | 150E | 4300750196 | 14794 | Federal | Federal | GW | OPS |
| PRICKLY PEAR UF 10A-9D-12-15 9 120S 150E 4300750198 14794 Federal Federal GW OPS | PRICKLY PEAR UF 10-9D-12-15 | 9 120S | 150E | 4300750197 | 14794 | Federal | Federal | GW | OPS |
| | PRICKLY PEAR UF 10A-9D-12-15 | 9 120S | 150E | 4300750198 | 14794 | Federal | Federal | GW | OPS |

| Well Name | G TUDI | | ear Unit | 3.61 1.7 | G C T | *** 11 m | TTT 11 0 |
|---------------------------------|-------------|-------------|--------------------------|---------------------------------------|---------|-----------|-------------|
| Well Name | | | | Mineral Lease | | Well Type | Well Status |
| PRICKLY PEAR UF 14-9D-12-15 | 9 1208 | · | 0199 14794 | | Federal | GW | OPS |
| PRICKLY PEAR UF 14A-9D-12-15 | 9 1208 | | 0200 14794 | | Federal | GW | OPS |
| PRICKLY PEAR UF 15-9D-12-15 | 9 1208 | | 0201 14794 | | Federal | GW | OPS |
| PRICKLY PEAR UF 15A-9D-12-15 | 9 1208 | | 0203 14794 | l | Federal | GW | OPS |
| PRICKLY PEAR UF 16A-9D-12-15 | 9 1208 | | 0204 14794 | | Federal | GW | OPS |
| STONE CABIN FED 2-B-27 | 27 120S | | 0018 14794 | | Federal | GW | P |
| PRICKLY PEAR ST 16-15 | 16 120S | | 0522 14794 | | State | GW | P |
| PRICKLY PEAR UNIT 21-2 | 21 120S | | 0828 14794 | <u></u> | Federal | GW | P |
| PRICKLY PEAR U ST 13-16 | 16 120S | | 0933 14794 | | State | GW | P |
| PRICKLY PEAR U ST 11-16 | 16 120S | | 0944 14794 | State | State | GW | P |
| PRICKLY PEAR U ST 7-16 | 16 120S | 150E 430073 | 0945 14794 | State | State | GW | P |
| PRICKLY PEAR U FED 7-25 | 25 120S | 150E 430073 | 0954 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U ST 36-06 | 36 120S | 150E 430073 | 1018 14794 | State | State | GW | P |
| PRICKLY PEAR U FED 13-23-12-15 | 23 120S | 150E 430073 | 1073 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U FED 1-27D-12-15 | 23 120S | 150E 430073 | 1074 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U FED 3-26D-12-15 | 23 120S | 150E 430073 | 1075 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U FED 15-22D-12-15 | 23 120S | 150E 430073 | 1076 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U FED 3-28D-12-15 | 21 120S | 150E 430073 | 1121 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U FED 15-21-12-15 | 21 120S | 150E 430073 | 1164 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U FED 13-21D-12-15 | 21 120S | | 1166 14794 | | Federal | GW | P |
| PRICKLY PEAR U FED 11-17D-12-15 | 17 120S | | 1184 14794 | | Federal | GW | P |
| PRICKLY PEAR U FED 7-22D-12-15 | 22 120S | | 1186 14794 | | Federal | GW | P |
| PRICKLY PEAR U FED 3-22-12-15 | 22 120S | | 1187 14794 | | Federal | GW | P |
| PRICKLY PEAR U FED 5-22D-12-15 | 22 120S | | 1188 14794 | | Federal | GW | P |
| PRICKLY PEAR 11-15D-12-15 | 22 120S | | 1189 14794 | · · · · · · · · · · · · · · · · · · · | Federal | GW | P |
| PRICKLY PEAR U FED 9-18D-12-15 | 18 120S | | 1192 14794 | - | Federal | GW | P |
| PRICKLY PEAR U FED 15-18-12-15 | 18 120S | | 1193 14794 | | Federal | GW | P |
| PRICKLY PEAR U FED 16-27D-12-15 | 27 120S | | 1194 15569 | | Federal | GW | P |
| PRICKLY PEAR U FED 12-27D-12-15 | 27 120S | | 1195 15568 | | Federal | GW | P |
| PRICKLY PEAR U FED 9-20D-12-15 | 20 120S | | 1193 13308 | | Federal | GW | P |
| PRICKLY PEAR U FED 7-20-12-15 | 20 120S | | 1197 14794 | | Federal | GW | P |
| PRICKLY PEAR U FED 1-20-12-15 | 20 120S | | 1206 14794 | | Federal | | P |
| PRICKLY PEAR U ST 4-36-12-15 | 36 120S | | 1200 14794 1227 14794 | | | GW | |
| PRICKLY PEAR U FED 4-27D-12-15 | 22 120S | 150E 430073 | | | State | GW | P |
| PRICKLY PEAR U FED 13-22-12-15 | | | | | Federal | GW | P |
| | | 150E 430073 | | | Federal | GW | P |
| PRICKLY PEAR U FED 3-27D-12-15 | | 150E 430073 | | | Federal | GW | P |
| PRICKLY PEAR U ST 9-16-12-15 | | 150E 430073 | | | State | GW | P |
| PRICKLY PEAR U FED 9-28D-12-15 | 28 120S | 150E 430073 | | | Federal | GW | P |
| PRICKLY PEAR U FED 5-27D-12-15 | | | 1242 14794 | | Federal | GW | P |
| PRICKLY PEAR U FED 1-28-12-15 | 28 120S | | 1243 14794 | | Federal | GW | P |
| PRICKLY PEAR U FED 8-28D-12-15 | 28 120S | | 1244 14794 | . | Federal | GW | P |
| PRICKLY PEAR U ST 1-16-12-15 | 16 120S | | 1245 14794 | | State | GW | P |
| PPU FED 11-18D-12-15 | | | 1257 14794 | · | Federal | GW | P |
| PPU FED 11-20D-12-15 | | | 1258 14794 | | Federal | GW | P |
| PPU FED 4-25D-12-15 | | | 1259 14794 | Federal | Federal | GW | P |
| PPU FED 12-25D-12-15 | | | 1260 16068 | i | Federal | GW | P |
| PPU FED 14-26D-12-15 | 35 120S | | 1282 16224 | Federal | Federal | GW | P |
| PPU FED 2-35-12-15 | 35 120S | | 1283 14794 | Federal | Federal | GW | P |
| PPU FED 10-26D-12-15 | 35 120S | 150E 430073 | 284 14794 | Federal | Federal | GW | P |
| PPU FED 9-17-12-15 | 17 120S | 150E 430073 | 287 14794 | Federal | Federal | GW | P |
| PPU FED 1-17D-12-15 | 17 120S | 150E 430073 | 288 14794 | Federal | Federal | GW | P |
| PPU FED 7-17D-12-15 | | 150E 430073 | | | Federal | GW | P |
| PPU FED 1-18D-12-15 | | 150E 430073 | | | | GW | P |
| PPU FED 7-18D-12-15 | | 150E 430073 | | | | GW | P |
| PPU FED 5-17D-12-15 | | 150E 430073 | | | | GW | P |
| PPU FED 10-17D-12-15 | | 150E 430073 | | | | GW | P |
| | | , 120070 | , | | | | - |

| | | Prickly Pear U | | | | | |
|--|--------------------|------------------------------------|--------------|-------------|---------------|-----------|---------------|
| Well Name | Sec TWN | RNG API Number | Entity Miner | al Lease | Surface Lease | Well Type | Well Status |
| PPU FED 8-17D-12-15 | 17 120S | 150E 4300731308 | | | Federal | GW | P |
| PPU FED 12-17D-12-15 | 17 120S | 150E 4300731309 | 14794 Feder | al | Federal | GW | P |
| PPU FED 13-17D-12-15 | 17 120S | 150E 4300731310 | 14794 Feder | al | Federal | GW | P |
| PPU FED 14-17D-12-15 | 17 120S | 150E 4300731311 | 14794 Feder | al | Federal | GW | P |
| PPU FED 16-18D-12-15 | 17 120S | 150E 4300731312 | 14794 Feder | al | Federal | GW | P |
| PPU FED 8-18D-12-15 | 18 120S | 150E 4300731313 | 14794 Feder | al | Federal | GW | P |
| PPU FED 3-18D-12-15 | 18 120S | 150E 4300731314 | | | Federal | GW | P |
| PPU FED 4-18-12-15 | 18 120S | 150E 4300731315 | | | Federal | GW | P |
| PPU FED 5-18D-12-15 | + | 150E 4300731316 | | | Federal | GW | P |
| PPU FED 6-18D-12-15 | | 150E 4300731317 | | | Federal | GW | P |
| PPU FED 16-17D-12-15 | + + | 150E 4300731321 | | | Federal | GW | P |
| PPU ST 15-16D-12-15 | 16 120S | 150E 4300731322 | | | State | GW | P |
| PPU ST 16-16D-12-15 | | 150E 4300731323 | | | State | GW | P |
| PPU ST 14-16D-12-15 | | 150E 4300731324 | | | State | GW | P |
| PPU FED 3-21D-12-15 | | 150E 4300731328 | | | Federal | GW | P |
| PPU FED 4-21D-12-15 | 21 120S | 150E 4300731329 | | _ | Federal | GW | P |
| PPU FED 13-15D-12-15 | | 150E 4300731329 150E 4300731358 | | | Federal | GW | P |
| PPU FED 14-15D-12-15 | 22 120S 22 120S | 150E 4300731359 | | | Federal | GW | P |
| PPU FED 4-22D-12-15 | 22 120S 22 120S | 150E 4300731359 | | | Federal | GW | P |
| PPU FED 6-22D-12-15 | 22 120S | 150E 4300731361 | | | | GW | P |
| PPU FED 2-28D-12-15 | | | | | Federal | | P |
| PPU FED 16X-21D-12-15 | | | | | Federal | GW | |
| The state of the s | | 150E 4300731363 | | | Federal | GW | P |
| PPU FED 5A-27D-12-15 | | 150E 4300731364 | | | Federal | GW | P |
| PPU FED 1AA 18D 12-15 | 28 120S | 150E 4300731368 | | | Federal | GW | P |
| PPU FED 14A-18D-12-15 | <u> </u> | 150E 4300731393 | | | Federal | GW | P |
| PPU FED 10-18D-12-15 | | 150E 4300731394 | | | Federal | GW | P |
| PPU FED 15A-18D-12-15 | | 150E 4300731395 | | | Federal | GW | P |
| PPU FED 16A-18D-12-15 | | 150E 4300731396 | | | Federal | GW | P |
| PPU FED 12-22D-12-15 | · | 150E 4300731398 | | | Federal | GW | P |
| PPU FED 11-22D-12-15 | | 150E 4300731399 | | | Federal | GW | P |
| PPU FED 14-22D-12-15 | · | 150E 4300731400 | | | Federal | GW | P |
| PPU FED 4A-27D-12-15 | | 150E 4300731401 | | | Federal | GW | P |
| PPU FED 11-21D-12-15 | | 150E 4300731412 | | | Federal | GW | P |
| PPU FED 6-21D-12-15 | | 150E 4300731413 | | | Federal | GW | P |
| PPU FED 12-21D-12-15 | · | 150E 4300731414 | | | Federal | GW | P |
| PPU FED 8-20D-12-15 | | 150E 4300731419 | | | Federal | GW | P |
| PPU FED 1A-20D-12-15 | | 150E 4300731420 | | | Federal | GW | P |
| PPU FED 2-20D-12-15 | | 150E 4300731421 | | il] | Federal | GW | P |
| PPU ST 7A-16D-12-15 | | 150E 4300731422 | | ! | State | GW | P |
| PPU ST 6-16D-12-15 | | 150E 4300731423 | | | State | GW | P |
| PPU ST 10A-16D-12-15 | | 150E 4300731424 | | | State | GW | P |
| PPU ST 3-16D-12-15 | 16 120S | 150E 4300731425 | 14794 State | | State | GW | P |
| PPU FED 5-21D-12-15 | 21 120S | 150E 4300731451 | 14794 Federa | ıl [1 | Federal | GW | P |
| PPU ST 8-16D-12-15 | 16 120S | 150E 4300731455 | 14794 State | | State | GW | P |
| PPU ST 12-16D-12-15 | 16 120S | 150E 4300731456 | 14794 State | | | GW | P |
| PPU ST 12A-16D-12-15 | | 150E 4300731457 | | | | GW | P |
| PPU ST 15A-16D-12-15 | | 150E 4300731458 | | | | GW | P |
| PPU ST 10-16D-12-15 | | 150E 4300731459 | | | | GW | P |
| PPU ST 11A-16D-12-15 | | 150E 4300731460 | | | | GW | P |
| PPU ST 13A-16D-12-15 | - i | 150E 4300731461 | | | | GW | P |
| PPU FED 10-7D-12-15 | | 150E 4300731470 | | | | GW | P |
| PPU FED 15-7D-12-15 | | 150E 4300731471 | | | | GW | P |
| PPU FED 9-7D-12-15 | | 150E 4300731471 1 | | | | GW | P |
| PPU FED 16-7D-12-15 | | 150E 4300731472 | | | | GW | <u>г</u> Р |
| PPU ST 6A-16D-12-15 | | 150E 4300731477 | | | | GW | P P |
| PPU ST 4-16D-12-15 | · | 150E 4300731477 | | | | | |
| 110014-100-12-13 | 10 1205 | 130E 4300/314/8 | 14/94 State | | State | GW | P |

| | | | | <u> </u> | JIIIL | | | | |
|----------------------------------|--------------|------|--------------|------------|--------------|---------------|---------------|-----------|-------------|
| Well Name | Sec T | WN | | | | Mineral Lease | Surface Lease | Well Type | Well Status |
| PPU ST 4A-16D-12-15 | 16 12 | 20S | · | 4300731479 | | | State | GW | P |
| PPU ST 5A-16D-12-15 | 16 12 | 20S | 150E | 4300731480 | 14794 | State | State | GW | P |
| PPU ST 3A-16D-12-15 | 16 12 | 20S | 150E | 4300731481 | 14794 | State | State | GW | P |
| PPU ST 16A-16D-12-15 | 16 12 | 20S_ | 150E | 4300731484 | 14794 | State | State | GW | P |
| PPU ST 9A-16D-12-15 | 16 12 | 20S | 150E | 4300731485 | 14794 | State | State | GW | P |
| PPU ST 16B-16D-12-15 | 16 12 | 20S | 150E | 4300731514 | 14794 | State | State | GW | P |
| PPU ST 14B-16D-12-15 | 16 12 | 20S | 150E | 4300731515 | 14794 | State | State | GW | P |
| PPU ST 13B-16D-12-15 | 16 12 | 20S | 150E | 4300731516 | 14794 | State | State | GW | P |
| PRICKLY PEAR U FED 9-22D-12-15 | 22 12 | 0S | 150E | 4300750041 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U FED 10-22D-12-15 | 22 12 | :0S | 150E | 4300750042 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U FED 16-22D-12-15 | 22 12 | OS | 150E | 4300750043 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U FED 2-27D-12-15 | 22 12 | OS | 150E | 4300750044 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U FED 16-15D-12-15 | 15 12 | .0S | 150E | 4300750045 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U FED 15-15D-12-15 | 15 12 | OS | 150E | 4300750046 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U FED 10-15D-12-15 | 15 12 | 08 | 150E | 4300750047 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U FED 9-15D-12-15 | 15 12 | 0S | 150E | 4300750048 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR U FED 11A-15D-12-15 | 15 12 | | | 4300750049 | | | Federal | GW | P |
| PRICKLY PEAR U FED 1-21D-12-15 | 21 12 | | | 4300750050 | | | Federal | GW | P |
| PRICKLY PEAR U FED 2-21D-12-15 | 21 12 | | | 4300750051 | | | Federal | GW | P |
| PRICKLY PEAR U FED 2A-21D-12-15 | 21 12 | | - | 4300750052 | | | Federal | GW | P |
| PRICKLY PEAR U FED 4A-22D-12-15 | 21 12 | | | 4300750053 | | | Federal | GW | P |
| PRICKLY PEAR U FED 5A-22D-12-15 | 21 12 | | | 4300750054 | | | Federal | GW | P |
| PRICKLY PEAR U FED 7A-21D-12-15 | 21 12 | | | 4300750056 | | | Federal | GW | P |
| PRICKLY PEAR U FED 8-21D-12-15 | 21 12 | | | 4300750057 | | | Federal | GW | P |
| PRICKLY PEAR U FED 8A-21D-12-15 | 21 12 | | | 4300750057 | | | Federal | GW | P |
| PRICKLY PEAR U FED 16-8D-12-15 | 8 12 | | | 4300750059 | | | Federal | GW | P |
| PRICKLY PEAR U FED 15-8D-12-15 | 8 12 | | | 4300750060 | | | Federal | GW | P |
| PRICKLY PEAR U FED 2-17D-12-15 | 8 12 | | | 4300750061 | | | Federal | GW | P |
| PRICKLY PEAR U FED 1A-17D-12-15 | 8 12 | | | 4300750062 | | | Federal | | P P |
| PRICKLY PEAR U FED 1-22D-12-15 | 22 12 | | | 4300750002 | | | Federal | GW GW | P P |
| PRICKLY PEAR U FED 2-22D-12-15 | 22 12 | | | 4300750070 | | | Federal | GW | P |
| PRICKLY PEAR U FED 8-22D-12-15 | 22 12 | | | 4300750077 | | | Federal | GW | P |
| PRICKLY PEAR U FED 3-17D-12-15 | 17 12 | | | 4300750078 | | | | | |
| PRICKLY PEAR U FED 3A-17D-12-15 | 17 12 | - | | 4300730079 | | | Federal | GW | P |
| | | | | 4300730080 | | | Federal | | P |
| PRICKLY PEAR U FED 4A-17D-12-15 | | | | | - | | Federal | | P |
| PRICKLY PEAR U FED 5A-17D-12-15 | 17 120 | | - | 4300750082 | | | Federal | GW | P |
| PRICKLY PEAR U FED 6-17D-12-15 | | | | 4300750083 | | | Federal | | P |
| PRICKLY PEAR U FED 6A-17D-12-15 | 17 120 | | | 4300750084 | | | Federal | | P |
| PRICKLY PEAR U FED 7A-17D-12-15 | 17 120 | | | 4300750085 | | | | | P |
| | 17 120 | | | 4300750086 | | | | | P |
| PRICKLY PEAR U FED 9-12D-12-14 | 12 120 | | | 4300750088 | | | | | P |
| PRICKLY PEAR U FED 10-12D-12-14 | 12 120 | _ | | 4300750089 | | | Federal | | P |
| PRICKLY PEAR U FED 15-12D-12-14 | 12 120 | _ | | 4300750090 | | | Federal | | P |
| PRICKLY PEAR U FED 16-12D-12-14 | 12 120 | | | 4300750091 | | | | | P |
| PRICKLY PEAR U FED 3-20D-12-15 | 20 120 | | | 4300750098 | | | | | P |
| PRICKLY PEAR U FED 3A-20D-12-15 | 20 120 | | | 4300750099 | | | | | P |
| PRICKLY PEAR U FED 4-20D-12-15 | 20 120 | | | 4300750100 | | | | | P |
| PRICKLY PEAR U FED 4A-20D-12-15 | 20 120 | | | 4300750101 | | | | | P |
| PRICKLY PEAR U FED 5-20D-12-15 | 20 120 | | | 4300750102 | | | | | P |
| PRICKLY PEAR U FED 5A-20D-12-15 | 20 120 | | | 4300750103 | | | | | P |
| PRICKLY PEAR U FED 6-20D-12-15 | 20 120 | | | 4300750104 | | | | | P |
| PRICKLY PEAR U FED 6A-20D-12-15 | 20 120 | | | 4300750105 | | | | | P |
| PRICKLY PEAR U FED 11A-20D-12-15 | 20 120 | | | 4300750106 | | | | | P |
| PRICKLY PEAR U FED 12A-20D-12-15 | 20 120 | | | 4300750107 | | | | | P |
| PRICKLY PEAR U FED 13A-17D-12-15 | 20 120 | | | 4300750108 | | | Federal | GW | P |
| PRICKLY PEAR UF 7A-18D-12-15 | 17 120 | OS 1 | 50E | 4300750136 | 14794 | Federal | Federal_ | GW | P |

| Well Name PRICKLY PEAR UF 8A-18D-12-15 | Sec TWN | DNG | | | 1 | | | |
|--|------------|------|------------|--------|---------------|---------------|-----------|-------------|
| DDICKLY DEAD HE GA 10D 12 15 | 500 1 1111 | KNG | API Number | Entity | Mineral Lease | Surface Lease | Well Type | Well Status |
| | 17 120S | 150E | 4300750137 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 9A-18D-12-15 | 17 120S | 150E | 4300750138 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 12-20D-12-15 | 20 120S | 150E | 4300750139 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 16A-8D-12-15 | 8 120S | 150E | 4300750140 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 15A-8D-12-15 | 8 120S | 150E | 4300750141 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 13A-9D-12-15 | 8 120S | 150E | 4300750142 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 13-9D-12-15 | 8 120S | 150E | 4300750143 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 12-9D-12-15 | 8 120S | 150E | 4300750144 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 10-8D-12-15 | 8 120S | 150E | 4300750145 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 9-8D-12-15 | 8 120S | 150E | 4300750146 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 2A-17D-12-15 | 8 120S | 150E | 4300750147 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 1A-22D-12-15 | 22 120S | 150E | 4300750171 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 2A-22D-12-15 | 22 120S | 150E | 4300750172 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 6A-22D-12-15 | 22 120S | 150E | 4300750173 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 7A-22D-12-15 | 22 120S | 150E | 4300750174 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 8A-22D-12-15 | 22 120S | 150E | 4300750175 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 14B-15D-12-15 | 22 120S | 150E | 4300750176 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 9-9D-12-15 | 9 120S | 150E | 4300750195 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 16-9D-12-15 | 9 120S | 150E | 4300750202 | 14794 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 8-14D-12-15 | 14 120S | 150E | 4300750216 | 18289 | Federal | Federal | GW | P |
| PRICKLY PEAR UF 15-14D-12-15 | 14 120S | 150E | 4300750221 | 18290 | Federal | Federal | GW | P |
| PRICKLY PEAR U ST 5-16 | 16 120S | 150E | 4300730943 | 14794 | State | State | GW | S |
| PRICKLY PEAR U FED 7-28D-12-15 | 21 120S | 150E | 4300731165 | 14794 | Federal | Federal | GW | S |
| PRICKLY PEAR U FED 15-17-12-15 | 17 120S | 150E | 4300731183 | 14794 | Federal | Federal | GW | S |
| PRICKLY PEAR U FED 10-27-12-15 | 27 120S | 150E | 4300731196 | 15570 | Federal | Federal | GW | S |
| PPU FED 4-35D-12-15 | 35 120S | 150E | 4300731285 | 16223 | Federal | Federal | GW | S |
| PRICKLY PEAR U FED 12A-17D-12-15 | 17 120S | 150E | 4300750087 | 14794 | Federal | Federal | GW | S |

STATE OF UTAHDEPARTMENT OF NATURAL RESOURCES

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| DIVISION OF OIL, GAS AND MINING | 5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list) |
|--|--|
| SUNDRY NOTICES AND REPORTS ON WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 7. UNIT or CA AGREEMENT NAME: |
| drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 1. TYPE OF WELL OIL WELL GAS WELL OTHER | 8. WELL NAME and NUMBER: |
| 2. NAME OF OPERATOR: | (see attached well list) 9. API NUMBER: |
| ENERVEST OPERATING, LLC | |
| 3. ADDRESS OF OPERATOR: 1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002 PHONE NUMBER: (713) 659-3500 | 10. FIELD AND POOL, OR WILDCAT: |
| 4. LOCATION OF WELL | |
| FOOTAGES AT SURFACE: (see attached well list) | COUNTY: |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: | STATE: UTAH |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO | RT, OR OTHER DATA |
| TYPE OF SUBMISSION TYPE OF ACTION | [] |
| NOTICE OF INTENT | REPERFORATE CURRENT FORMATION |
| (Submit in Duplicate) | SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON |
| 1/1/2014 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE | TUBING REPAIR |
| CHANGE TUBING PLUG AND ABANDON | VENT OR FLARE |
| SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK | WATER DISPOSAL |
| (Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME) | WATER SHUT-OFF |
| Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE | OTHER: |
| CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION | |
| DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL BILL BASEFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADENEVEST Operating, L.L.C. 1001 Fannin, Suite 800 Houston, Texas 77002 713-659-3500 (BLM BOND # PLB 1884), STATE/FEE BOND # B 15832/ | THE WELLS LISTED ON THE |
| (SEM BOND II, OINTEN EE BOND II | |
| BILL BARRETT CORPORATION ENERVEST OPERAT | ING, LLC |
| Duane ZavadiAME (PLEASE PRINT) ROWNE LYOU | NAME (PLEASE PRINT) |
| Non 2012 SIGNATURE Tonne L. La | SIGNATURE |
| Senior Vice President - DIRECTOR - REGUL | ATORY |
| DONNIE VOLING DIDECTOR DE | CHIATORY |
| NAME (PLEASE PRINT) RONNIE TOUNG TITLE DIRECTOR - RE | COLATORI |
| SIGNATURE DATE 12/10/2013 | |
| (This space for State use on APPROVED | RECEIVED |
| JAN 2 8 2013 4-RE | JAN 07 2014 |
| | U. 11. U ■ LUII |

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| Well Name | Sec | TWN | RNG | API Number | Entity Lease | Well T | ype Well Status | Unit |
|--------------------------------|-----|------|--------------|------------|---------------|--------|-------------------|--------------|
| JACK CANYON UNIT 8-32 | 32 | 120S | ' | 4300730460 | 15167 State | WI | A | |
| JACK CYN U ST 14-32 | 32 | 120S | 160E | 4300730913 | 15166 State | WD | A | |
| PRICKLY PEAR U FED 12-24 | 24 | 120S | 140E | 4300730953 | 14467 Federal | WD | A | |
| PPU FED 11-23D-12-15 | 23 | 120S | 150E | 4300731440 | Federal | GW | APD | PRICKLY PEAR |
| PPU FED 4-26D-12-15 | 23 | 120S | 150E | 4300731441 | Federal | GW | APD | PRICKLY PEAR |
| PPU FED 14-23D-12-15 | 23 | 120S | | 4300731442 | Federal | GW | APD | PRICKLY PEAR |
| PPU FED 12-23D-12-15 | 23 | 120S | 150E | 4300731443 | Federal | GW | APD | PRICKLY PEAR |
| PPU FED 11-34D-12-16 | 34 | 120S | 160E | 4300731465 | Federal | GW | APD | PETERS POINT |
| PPU FED 10-34D-12-16 | 34 | 120S | 160E | 4300731469 | Federal | GW | APD | PETERS POINT |
| HORSE BENCH FED 4-27D-12-16 | 27 | 120S | 160E | 4300750092 | Federal | GW | APD | |
| HORSE BENCH FED 5-27D-12-16 | 27 | 120S | | 4300750093 | Federal | GW | APD | |
| PRICKLY PEAR U FED 12-7D-12-15 | 07 | 120S | 150E | 4300750094 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR U FED 11-7D-12-15 | 07 | 120S | | 4300750095 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR U FED 13-7D-12-15 | 07 | 120S | | 4300750096 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR U FED 14-7D-12-15 | 07 | 120S | 150E | 4300750097 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 11-8D-12-15 | 08 | 120S | 150E | 4300750124 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 12-8D-12-15 | 08 | 120S | 150E | 4300750125 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 13-8D-12-15 | 08 | 120S | | 4300750126 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 14-8D-12-15 | 08 | 120S | | 4300750127 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 9-21D-12-15 | 21 | 120S | | 4300750128 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 9A-21D-12-15 | 21 | 120S | | 4300750129 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 10-21D-12-15 | 21 | 120S | | 4300750130 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 10A-21D-12-15 | 21 | 120S | | 4300750131 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 15A-21D-12-15 | 21 | 120S | 150E | 4300750132 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 15X-21D-12-15 | 21 | 120S | | 4300750133 | Federal . | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 16-21D-12-15 | 21 | 120S | | 4300750134 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 16A-21D-12-15 | 21 | 120S | | 4300750135 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 13A-22D-12-15 | 21 | 120S | 150E | 4300750148 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 1A-27D-12-15 | 22 | 120S | 150E | 4300750161 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 2A-27D-12-15 | 22 | 120S | 150E | 4300750162 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 3A-27D-12-15 | 22 | 120S | 150E | 4300750163 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 9A-22D-12-15 | 22 | 120S | 150E | 4300750164 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 10A-22D-12-15 | 22 | 120S | 150E | 4300750165 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 11A-22D-12-15 | 22 | 120S | 150E | 4300750166 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 12A-22D-12-15 | 22 | 120S | 150E | 4300750167 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 14A-22D-12-15 | 22 | 120S | 150E | 4300750168 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 15A-22D-12-15 | 22 | 120S | 150E | 4300750169 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 16A-22D-12-15 | 22 | 120S | 150E | 4300750170 | Federal | GW | APD | PRICKLY PEAR |
| PETERS POINT UF 15X-36D-12-16 | 36 | 120S | 160E | 4300750178 | Federal | GW | APD | PETERS POINT |
| PRICKLY PEAR UF 15A-15D-12-15 | 15 | 120S | 150E | 4300750180 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 11B-15D-12-15 | 15 | 120S | 150E | 4300750181 | Federal | GW | APD | PRICKLY PEAR |
| PETERS POINT UF 10-1D-13-16 | 36 | 120S | 160E | 4300750182 | Federal | GW | APD | PETERS POINT |
| PETERS POINT UF 9-1D-13-16 | 36 | 120S | 160E | 4300750183 | Federal | GW | APD | PETERS POINT |
| PRICKLY PEAR UF 16A-15D-12-15 | 15 | 120S | 150E | 4300750184 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 3A-18D-12-15 | 07 | 120S | 150E | 4300750185 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 4A-18D-12-15 | 07 | 120S | 150E | 4300750186 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 11A-7D-12-15 | 07 | 120S | 150E | 4300750187 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 2-18D-12-15 | 07 | 120S | 150E | 4300750188 | Federal | GW | APD | PRICKLY PEAR |
| | | | | | | | | |

| PRICKLY PEAR UF 12A-7D-12-15 | 07 | 120S | 150E 4300750189 | Federal | GW | APD | PRICKLY PEAR |
|----------------------------------|----|------|-----------------|---------|----|-----|--------------|
| PRICKLY PEAR UF 13A-7D-12-15 | 07 | 120S | 150E 4300750190 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 14A-7D-12-15 | 07 | 120S | 150E 4300750191 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR FEDERAL 1-12D-12-14 | 12 | 120S | 140E 4300750205 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 2-12D-12-14 | 12 | 120S | 140E 4300750206 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 7-12D-12-14 | 12 | 120S | 140E 4300750207 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 7A-12D-12-14 | 12 | 120S | 140E 4300750208 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 8-12D-12-14 | 12 | 120S | 140E 4300750209 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 4-7D-12-15 | 12 | 120S | 140E 4300750210 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 5-7D-12-15 | 12 | 120S | 140E 4300750211 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 8A-12D-12-14 | 12 | 120S | 140E 4300750212 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 5A-7D-12-15 | 12 | 120S | 140E 4300750213 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 7-14D-12-15 | 14 | 120S | 150E 4300750214 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 7A-14D-12-15 | 14 | 120S | 150E 4300750215 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 9-14D-12-15 | 14 | 120S | 150E 4300750217 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 9A-14D-12-15 | 14 | 120S | 150E 4300750218 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 10-14D-12-15 | 14 | 120S | 150E 4300750219 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 10A-14D-12-15 | 14 | 120S | 150E 4300750220 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 15A-14D-12-15 | 14 | 120S | 150E 4300750222 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 16-14D-12-15 | 14 | 120S | 150E 4300750223 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 16A-14D-12-15 | 14 | 120S | 150E 4300750224 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 1A-18D-12-15 | 07 | 120S | 150E 4300750225 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 2A-18D-12-15 | 07 | 120S | 150E 4300750226 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 9A-7D-12-15 | 07 | 120S | 150E 4300750227 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 10A-7D-12-15 | 07 | 120S | 150E 4300750228 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 15A-7D-12-15 | 07 | 120S | 150E 4300750229 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 16A-7D-12-15 | 07 | 120S | 150E 4300750230 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 9A-12D-12-14 | 12 | 120S | 140E 4300750233 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 10A-12D-12-14 | 12 | 120S | 140E 4300750234 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 15A-12D-12-14 | 12 | 120S | 140E 4300750235 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 12A-8D-12-15 | 08 | 120S | 150E 4300750236 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 16A-12D-12-14 | 12 | 120S | 140E 4300750237 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 11A-8D-12-15 | 08 | 120S | 150E 4300750238 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 13A-8D-12-15 | 08 | 120S | 150E 4300750239 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 14A-8D-12-15 | 08 | 120S | 150E 4300750240 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 5A-8D-12-15 | 08 | 120S | 150E 4300750260 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 6A-8D-12-15 | 08 | 120S | 150E 4300750261 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 4-8D-12-15 | 08 | 120S | 150E 4300750262 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 3-8D-12-15 | 08 | 120S | 150E 4300750263 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 2-8D-12-15 | 08 | 120S | 150E 4300750264 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 7A-8D-12-15 | 08 | 120S | 150E 4300750265 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 7-8D-12-15 | 08 | 120S | 150E 4300750266 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 5-8D-12-15 | 08 | 120S | 150E 4300750267 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 6-8D-12-15 | 08 | 120S | 150E 4300750268 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 10A-8D-12-15 | 08 | 120S | 150E 4300750269 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 9A-8D-12-15 | 08 | 120S | 150E 4300750270 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 8-8D-12-15 | 08 | 120S | 150E 4300750271 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 1-8D-12-15 | 08 | 120S | 150E 4300750272 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 8A-8D-12-15 | 08 | 120S | 150E 4300750273 | Federal | GW | APD | PRICKLY PEAR |
| | | | | | | | |

| PRICKLY PEAR UF 5-9D-12-15 | 09 | 120S | 150E 4300750274 | Federal | GW | APD | PRICKLY PEAR |
|---|----|------|-----------------|---------|----|-----|--------------|
| PRICKLY PEAR UF 5A-9D-12-15 | 09 | 120S | 150E 4300750275 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 4-9D-12-15 | 09 | 120S | 150E 4300750276 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 3-9D-12-15 | 09 | 120S | 150E 4300750277 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 6A-9D-12-15 | 09 | 120S | 150E 4300750278 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 11-9D-12-15 | 09 | 120S | 150E 4300750279 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 12A-9D-12-15 | 09 | 120S | 150E 4300750280 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 6-9D-12-15 | 09 | 120S | 150E 4300750281 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 11A-9D-12-15 | 09 | 120S | 150E 4300750282 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR US 1X-16D-12-15 | 10 | 120S | 150E 4300750283 | State | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 5A-15D-12-15 | 10 | 120S | 150E 4300750284 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 6A-15D-12-15 | 10 | 120S | 150E 4300750285 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 3-15D-13-15 | 10 | 120S | 150E 4300750286 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 15A-10D-12-15 | 15 | 120S | 150E 4300750287 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 13-10D-12-15 | 10 | 120S | 150E 4300750288 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 15-10D-12-15 | 15 | 120S | 150E 4300750289 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 16A-10D-12-15 | 15 | 120S | 150E 4300750290 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 9-10D-12-15 | 15 | 120S | 150E 4300750291 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 14A-10D-12-15 | 10 | 120S | 150E 4300750292 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 10-10D-12-15 | 15 | 120S | 150E 4300750293 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 16-10D-12-15 | 15 | 120S | 150E 4300750294 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 13-11D-12-15 | 15 | 120S | 150E 4300750295 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 13A-11D-12-15 | 15 | 120S | 150E 4300750296 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 12-11D-12-15 | 15 | 120S | 150E 4300750297 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 13A-10D-12-15 | 10 | 120S | 150E 4300750298 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 12-10D-12-15 | 10 | 120S | 150E 4300750299 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 11-10D-12-15 | 10 | 120S | 150E 4300750300 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 3A-15D-12-15 | 10 | 120S | 150E 4300750301 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 12-14D-12-15 | 14 | 120S | 150E 4300750302 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 4-15D-12-15 | 10 | 120S | 150E 4300750303 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 4A-15D-12-15 | 10 | 120S | 150E 4300750304 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 14-10D-12-15 | 10 | 120S | 150E 4300750305 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 9A-17D-12-15 | 17 | 120S | 150E 4300750306 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 8A-17D-12-15 | 17 | 120S | 150E 4300750307 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 10A-17D-12-15 | 17 | 120S | 150E 4300750308 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 3-7D-12-15 | 07 | 120S | 150E 4300750309 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 16A-17D-12-15 | 17 | 120S | 150E 4300750310 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 6-7D-12-15 | 07 | 120S | 150E 4300750311 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 15A-17D-12-15 | 17 | 120S | 150E 4300750312 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 6A-7D-12-15 | 07 | 120S | 150E 4300750313 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 7A-7D-12-15 | 07 | 120S | 150E 4300750314 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 8A-7D-12-15 | 07 | 120S | 150E 4300750315 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 6X-17D-12-15 | 17 | 120S | 150E 4300750316 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 11A-17D-12-15 | 17 | 120S | 150E 4300750317 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 15B-17D-12-15 | 17 | 120S | 150E 4300750318 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 8A-20D-12-15 | 20 | 120S | 150E 4300750319 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 1-7D-12-15 | 07 | 120S | 150E 4300750320 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 7A-20D-12-15 | 20 | 120S | 150E 4300750321 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 9A-20D-12-15 | 20 | 120S | | Federal | GW | APD | PRICKLY PEAR |
| THE PERSON NAMED IN THE PERSON NAMED IN | _3 | | | | | | |

| PRICKLY PEAR UF 10A-20D-12-15 | 20 | 120S | 150E 4300750323 | Federal | GW | APD | PRICKLY PEAR |
|--|----|------|-----------------|---------------|----|-----|--------------|
| PRICKLY PEAR UF 10-20D-12-15 | 20 | 120S | 150E 4300750324 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 2-7D-12-15 | 07 | 120S | 150E 4300750325 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 14A-20D-12-15 | 20 | 120S | 150E 4300750326 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 16A-20D-12-15 | 20 | 120S | 150E 4300750327 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 15A-20D-12-15 | 20 | 120S | 150E 4300750328 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 8-7D-12-15 | 07 | 120S | 150E 4300750329 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 15-20D-12-15 | 20 | 120S | 150E 4300750330 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 7-7D-12-15 | 07 | 120S | 150E 4300750331 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 6-10D-12-15 | 09 | 120S | 150E 4300750332 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 5A-10D-12-15 | 09 | 120S | 150E 4300750333 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 11A-10D-12-15 | 09 | 120S | 150E 4300750334 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 6A-10D-12-15 | 09 | 120S | 150E 4300750335 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 5-10D-12-15 | 09 | 120S | 150E 4300750336 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 12A-10D-12-15 | 09 | 120S | 150E 4300750338 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 3-10D-12-15 | 09 | 120S | 150E 4300750339 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 4-10D-12-15 | 09 | 120S | 150E 4300750340 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 8-9D-12-15 | 09 | 120S | 150E 4300750341 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 8A-9D-12-15 | 09 | 120S | 150E 4300750342 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 7A-9D-12-15 | 09 | 120S | 150E 4300750343 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 7-9D-12-15 | 09 | 120S | 150E 4300750344 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 1-9D-12-15 | 09 | 120S | 150E 4300750345 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 2-9D-12-15 | 09 | 120S | 150E 4300750346 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 1-24D-12-1 | 24 | 120S | 150E 4300750348 | Federal | GW | APD | PRICKLY PEAR |
| PRICKLY PEAR UF 9-13D-12-15 | 13 | 120S | 150E 4300750349 | Federal | GW | APD | PRICKLY PEAR |
| HORSE BENCH FED 4-20D-12-17 | 19 | 120S | 170E 4300750350 | Federal | GW | APD | |
| Horse Bench Federal 16-18D-12-17 | 19 | 120S | 170E 4300750351 | Federal | GW | APD | |
| PPU FED 9-34D-12-16 | 34 | 120S | 160E 4300731430 | 17225 Federal | GW | OPS | PETERS POINT |
| PPU FED 15-35D-12-16 | 35 | 120S | 160E 4300731475 | 2470 Federal | GW | OPS | PETERS POINT |
| PETERS POINT U FED 12A-6D-13-17 | 31 | 120S | 170E 4300750034 | 2470 Federal | GW | OPS | PETERS POINT |
| PETERS POINT U FED 11A-31D-12-17 | 31 | 120S | 170E 4300750036 | 2470 Federal | GW | OPS | PETERS POINT |
| PRICKLY PEAR U FED 7-21D-12-15 | 21 | 120S | 150E 4300750055 | 14794 Federal | GW | OPS | PRICKLY PEAR |
| PETERS POINT U FED 9-6D-13-17 | 06 | 130S | 170E 4300750120 | 2470 Federal | GW | OPS | PETERS POINT |
| PETERS POINT U FED 14-6D-13-17 | 06 | 130S | 170E 4300750121 | 2470 Federal | GW | OPS | PETERS POINT |
| PETERS POINT U FED 15-6D-13-17 | 06 | 130S | 170E 4300750122 | 2470 Federal | GW | OPS | PETERS POINT |
| PETERS POINT UF 2-7D-13-17 | 06 | 130S | 170E 4300750149 | 2470 Federal | GW | OPS | PETERS POINT |
| PETERS POINT UF 1-7D-13-17 | 06 | 130S | 170E 4300750150 | 2470 Federal | GW | OPS | PETERS POINT |
| PRICKLY PEAR US 1A-16D-12-15 | 09 | 120S | 150E 4300750192 | 14794 State | GW | OPS | PRICKLY PEAR |
| PRICKLY PEAR US 2A-16D-12-15 | 09 | 120S | 150E 4300750193 | 14794 State | GW | OPS | PRICKLY PEAR |
| PRICKLY PEAR US 2-16D-12-15 | 09 | 120S | 150E 4300750194 | 14794 State | GW | OPS | PRICKLY PEAR |
| PRICKLY PEAR UF 9A-9D-12-15 | 09 | 120S | 150E 4300750196 | 14794 Federal | GW | OPS | PRICKLY PEAR |
| PRICKLY PEAR UF 10-9D-12-15 | 09 | 120S | 150E 4300750197 | 14794 Federal | GW | OPS | PRICKLY PEAR |
| PRICKLY PEAR UF 10A-9D-12-15 | 09 | 120S | 150E 4300750198 | 14794 Federal | GW | OPS | PRICKLY PEAR |
| PRICKLY PEAR UF 14-9D-12-15 | 09 | 120S | 150E 4300750199 | 14794 Federal | GW | OPS | PRICKLY PEAR |
| PRICKLY PEAR UF 14A-9D-12-15 | 09 | 120S | 150E 4300750200 | 14794 Federal | GW | OPS | PRICKLY PEAR |
| PRICKLY PEAR OF 14A-9D-12-15 PRICKLY PEAR UF 15-9D-12-15 | 09 | 120S | 150E 4300750200 | 14794 Federal | GW | OPS | PRICKLY PEAR |
| PRICKLY PEAR OF 15-9D-12-15 PRICKLY PEAR UF 15A-9D-12-15 | 09 | 120S | 150E 4300750201 | 14794 Federal | GW | OPS | PRICKLY PEAR |
| | | 120S | 150E 4300750203 | 14794 Federal | GW | OPS | PRICKLY PEAR |
| PRICKLY PEAR UF 16A-9D-12-15 | 09 | | | 7030 Federal | GW | | IMONDIFEAN |
| SHARPLES 1 GOVT PICKRELL | 11 | 120S | 150E 4300716045 | 1030 reucial | OW | . P | |

| STONE CABIN UNIT 1 | 13 | 120S | 140E 4300716542 | 12052 Federal | GW | P | |
|---------------------------------|----|------|-----------------|---------------|----|----------------------|--------------|
| STONE CABIN FED 1-11 | 11 | 120S | 140E 4300730014 | 6046 Federal | GW | P | |
| STONE CABIN FED 2-B-27 | 27 | 120S | 150E 4300730018 | 14794 Federal | GW | P | PRICKLY PEAR |
| JACK CANYON 101-A | 33 | 120S | 160E 4300730049 | 2455 Federal | GW | P | |
| PETERS POINT ST 2-2-13-16 | 02 | 130S | 160E 4300730521 | 14387 State | GW | P | |
| PRICKLY PEAR ST 16-15 | 16 | 120S | 150E 4300730522 | 14794 State | GW | P | PRICKLY PEAR |
| PETERS POINT U FED 36-2 | 36 | 120S | 160E 4300730761 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 36-3 | 36 | 120S | 160E 4300730762 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 36-4 | 36 | 120S | 160E 4300730763 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 14-25D-12-16 | 36 | 120S | 160E 4300730764 | 2470 Federal | GW | P | PETERS POINT |
| HUNT RANCH 3-4 | 03 | 120S | 150E 4300730775 | 13158 State | GW | \mathbf{P}_{\perp} | |
| PETERS POINT U FED 4-31D-12-17 | 36 | 120S | 160E 4300730810 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 16-26D-12-16 | 36 | 120S | 160E 4300730812 | 2470 Federal | GW | P | PETERS POINT |
| PRICKLY PEAR UNIT 13-4 | 13 | 120S | 140E 4300730825 | 14353 Federal | GW | P | |
| PRICKLY PEAR UNIT 21-2 | 21 | 120S | 150E 4300730828 | 14794 Federal | GW | P | PRICKLY PEAR |
| PETERS POINT U FED 6-7D-13-17 | 06 | 130S | 170E 4300730859 | 14692 Federal | GW | P | PETERS POINT |
| PETERS POINT ST 4-2-13-16 | 02 | 130S | 160E 4300730866 | 14386 State | GW | P | |
| PRICKLY PEAR U ST 13-16 | 16 | 120S | 150E 4300730933 | 14794 State | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U ST 11-16 | 16 | 120S | 150E 4300730944 | 14794 State | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U ST 7-16 | 16 | 120S | 150E 4300730945 | 14794 State | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 7-25 | 25 | 120S | 150E 4300730954 | 14794 Federal | GW | P | PRICKLY PEAR |
| PETERS POINT U FED 16-35 | 35 | 120S | 160E 4300730965 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 11-6-13-17 | 06 | 130S | 170E 4300730982 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 16-6D-13-17 | 06 | 130S | 170E 4300731004 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 16-31D-12-17 | 06 | 130S | 170E 4300731005 | 2470 Federal | GW | P | PETERS POINT |
| PRICKLY PEAR U FED 5-13-12-14 | 13 | 120S | 140E 4300731008 | 14897 Federal | GW | P | • |
| PETERS POINT U FED 12-31D-12-17 | 36 | 120S | 160E 4300731009 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 2-36D-12-16 | 36 | 120S | 160E 4300731010 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 9-36-12-16 | 36 | 120S | 160E 4300731011 | 2470 Federal | GW | P | PETERS POINT |
| PRICKLY PEAR U ST 36-06 | 36 | 120S | 150E 4300731018 | 14794 State | GW | P | PRICKLY PEAR |
| PETERS POINT U FED 8-35D-12-16 | 36 | 120S | 160E 4300731024 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 4-12D-13-16 | 02 | 130S | 160E 4300731049 | 14692 Federal | GW | P | PETERS POINT |
| PETERS POINT ST 5-2D-13-16 DEEP | 02 | 130S | 160E 4300731056 | 15909 State | GW | P | |
| PRICKLY PEAR U FED 13-23-12-15 | 23 | 120S | 150E 4300731073 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 1-27D-12-15 | 23 | 120S | 150E 4300731074 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 3-26D-12-15 | 23 | 120S | 150E 4300731075 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 15-22D-12-15 | 23 | 120S | 150E 4300731076 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 3-28D-12-15 | 21 | 120S | 150E 4300731121 | 14794 Federal | GW | P | PRICKLY PEAR |
| PETERS POINT U FED 2-12D-13-16 | 06 | 130S | 170E 4300731158 | 14692 Federal | GW | P | PETERS POINT |
| PRICKLY PEAR U FED 15-21-12-15 | 21 | 120S | 150E 4300731164 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 7-28D-12-15 | 21 | 120S | 150E 4300731165 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 13-21D-12-15 | 21 | 120S | 150E 4300731166 | 14794 Federal | GW | P | PRICKLY PEAR |
| PETERS POINT U FED 10-36D-12-16 | 36 | 120S | 160E 4300731174 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 12-36D-12-16 | 36 | 120S | 160E 4300731175 | 2470 Federal | GW | P | PETERS POINT |
| PRICKLY PEAR U FED 15-17-12-15 | 17 | 120S | 150E 4300731183 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 11-17D-12-15 | 17 | 120S | 150E 4300731184 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 7-22D-12-15 | 22 | 120S | 150E 4300731186 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 3-22-12-15 | 22 | 120S | 150E 4300731187 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 5-22D-12-15 | 22 | 120S | 150E 4300731188 | 14794 Federal | GW | P | PRICKLY PEAR |

| PRICKLY PEAR 11-15D-12-15 | 22 | 120S | 150E 4300731189 | 14794 Federal | GW | P | PRICKLY PEAR |
|---------------------------------|----|------|-----------------|---------------|----|---|--------------|
| PRICKLY PEAR U FED 9-18D-12-15 | 18 | 120S | 150E 4300731192 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 15-18-12-15 | 18 | 120S | 150E 4300731193 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 16-27D-12-15 | 27 | 120S | 150E 4300731194 | 15569 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 12-27D-12-15 | 27 | 120S | 150E 4300731195 | 15568 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 10-27-12-15 | 27 | 120S | 150E 4300731196 | 15570 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 9-20D-12-15 | 20 | 120S | 150E 4300731197 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 7-20-12-15 | 20 | 120S | 150E 4300731198 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 1-20-12-15 | 20 | 120S | 150E 4300731206 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U ST 2-36-12-15 | 36 | 120S | 150E 4300731226 | 15719 State | GW | P | |
| PRICKLY PEAR U ST 4-36-12-15 | 36 | 120S | 150E 4300731227 | 14794 State | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 4-27D-12-15 | 22 | 120S | 150E 4300731237 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 13-22-12-15 | 22 | 120S | 150E 4300731238 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 3-27D-12-15 | 22 | 120S | 150E 4300731239 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U ST 9-16-12-15 | 16 | 120S | 150E 4300731240 | 14794 State | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 9-28D-12-15 | 28 | 120S | 150E 4300731241 | 16028 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 5-27D-12-15 | 28 | 120S | 150E 4300731242 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 1-28-12-15 | 28 | 120S | 150E 4300731243 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 8-28D-12-15 | 28 | 120S | 150E 4300731244 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U ST 1-16-12-15 | 16 | 120S | 150E 4300731245 | 14794 State | GW | P | PRICKLY PEAR |
| PPU FED 11-18D-12-15 | 18 | 120S | 150E 4300731257 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 11-20D-12-15 | 20 | 120S | 150E 4300731258 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 4-25D-12-15 | 25 | 120S | 150E 4300731259 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 12-25D-12-15 | 25 | 120S | 150E 4300731260 | 16068 Federal | GW | P | PRICKLY PEAR |
| PPU FED 15-6D-13-17 | 06 | 130S | 170E 4300731261 | 16103 Federal | GW | P | PETERS POINT |
| PP UF 3-36-12-16 | 36 | 120S | 160E 4300731271 | 2470 Federal | GW | P | PETERS POINT |
| PP UF 6-36-12-16 | 36 | 120S | 160E 4300731272 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 6-35D-12-16 | 35 | 120S | 160E 4300731275 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 14-26D-12-16 | 26 | 120S | 160E 4300731277 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 8-34-12-16 | 34 | 120S | 160E 4300731279 | 2470 Federal | GW | P | PETERS POINT |
| PP ST 8-2D-13-16 (DEEP) | 02 | 130S | 160E 4300731280 | 16069 State | GW | P | |
| PPU FED 6-34D-12-16 | 34 | 120S | 160E 4300731281 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 14-26D-12-15 | 35 | 120S | 150E 4300731282 | 16224 Federal | GW | P | PRICKLY PEAR |
| PPU FED 2-35-12-15 | 35 | 120S | 150E 4300731283 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 10-26D-12-15 | 35 | 120S | 150E 4300731284 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 9-17-12-15 | 17 | 120S | 150E 4300731287 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 1-17D-12-15 | 17 | 120S | 150E 4300731288 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 7-17D-12-15 | 17 | 120S | 150E 4300731289 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 7-1D-13-16 ULTRA DEEP | 06 | 130S | 170E 4300731293 | 14692 Federal | GW | P | PETERS POINT |
| PPU FED 1-18D-12-15 | 18 | 120S | 150E 4300731294 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 7-18D-12-15 | 18 | 120S | 150E 4300731295 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 5-17D-12-15 | 18 | 120S | 150E 4300731296 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 10-17D-12-15 | 17 | 120S | 150E 4300731307 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 8-17D-12-15 | 17 | 120S | 150E 4300731308 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 12-17D-12-15 | 17 | 120S | 150E 4300731309 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 13-17D-12-15 | 17 | 120S | 150E 4300731310 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 14-17D-12-15 | 17 | 120S | 150E 4300731311 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 16-18D-12-15 | 17 | 120S | 150E 4300731312 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 8-18D-12-15 | 18 | 120S | 150E 4300731313 | 14794 Federal | GW | P | PRICKLY PEAR |
| | | | | | | | |

| PPU FED 3-18D-12-15 | 18 | 120S | 150E 4300731314 | 14794 Federal | GW | P | PRICKLY PEAR |
|-------------------------|----|------|-----------------|---------------|----|---|--------------|
| PPU FED 4-18-12-15 | 18 | 120S | 150E 4300731315 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 5-18D-12-15 | 18 | 120S | 150E 4300731316 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 6-18D-12-15 | 18 | 120S | 150E 4300731317 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 16-27-12-16 | 27 | 120S | 160E 4300731318 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 10-27D-12-16 | 27 | 120S | 160E 4300731319 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 2-34D-12-16 | 34 | 120S | 160E 4300731320 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 16-17D-12-15 | 17 | 120S | 150E 4300731321 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU ST 15-16D-12-15 | 16 | 120S | 150E 4300731322 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 16-16D-12-15 | 16 | 120S | 150E 4300731323 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 14-16D-12-15 | 16 | 120S | 150E 4300731324 | 14794 State | GW | P | PRICKLY PEAR |
| PPU FED 2-7D-13-17 DEEP | 06 | 130S | 170E 4300731326 | 14692 Federal | GW | P | PETERS POINT |
| PPU FED 3-21D-12-15 | 21 | 120S | 150E 4300731328 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 4-21D-12-15 | 21 | 120S | 150E 4300731329 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 2-35D-12-16 | 35 | 120S | 160E 4300731345 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 7-35D-12-16 | 35 | 120S | 160E 4300731346 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 4-35D-12-16 | 35 | 120S | 160E 4300731347 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 7-36D-12-16 | 36 | 120S | 160E 4300731348 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 11-36D-12-16 | 36 | 120S | 160E 4300731349 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 15-25D-12-16 | 36 | 120S | 160E 4300731351 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 13-25D-12-16 | 36 | 120S | 160E 4300731352 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 4-36D-12-16 | 36 | 120S | 160E 4300731353 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 13-15D-12-15 | 22 | 120S | 150E 4300731358 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 14-15D-12-15 | 22 | 120S | 150E 4300731359 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 4-22D-12-15 | 22 | 120S | 150E 4300731360 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 6-22D-12-15 | 22 | 120S | 150E 4300731361 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 2-28D-12-15 | 28 | 120S | 150E 4300731362 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 16X-21D-12-15 | 28 | 120S | 150E 4300731363 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 5A-27D-12-15 | 28 | 120S | 150E 4300731364 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 1-35D-12-16 | 35 | 120S | 160E 4300731365 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 1A-28D-12-15 | 28 | 120S | 150E 4300731368 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 14A-18D-12-15 | 18 | 120S | 150E 4300731393 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 10-18D-12-15 | 18 | 120S | 150E 4300731394 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 15A-18D-12-15 | 18 | 120S | 150E 4300731395 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 16A-18D-12-15 | 18 | 120S | 150E 4300731396 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 12-22D-12-15 | 22 | 120S | 150E 4300731398 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 11-22D-12-15 | 22 | 120S | 150E 4300731399 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 14-22D-12-15 | 22 | 120S | 150E 4300731400 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 4A-27D-12-15 | 22 | 120S | 150E 4300731401 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 13-26D-12-16 | 26 | 120S | 160E 4300731403 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 15-26D-12-16 | 26 | 120S | 160E 4300731404 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 3-35D-12-16 | 26 | 120S | 160E 4300731405 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 10-26D-12-16 | 26 | 120S | 160E 4300731406 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 11-26D-12-16 | 26 | 120S | 160E 4300731407 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 12-26D-12-16 | 26 | 120S | 160E 4300731408 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 11-27D-12-16 | 27 | 120S | 160E 4300731409 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 15-27D-12-16 | 27 | 120S | 160E 4300731410 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 9-27D-12-16 | 27 | 120S | 160E 4300731411 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 11-21D-12-15 | 21 | 120S | 150E 4300731412 | 14794 Federal | GW | P | PRICKLY PEAR |
| | | | | | | | |

| PPU FED 6-21D-12-15 | 21 | 120S | 150E 4300731413 | 14794 Federal | GW | P | PRICKLY PEAR |
|----------------------------------|----|------|-----------------|---------------|----|---|--------------|
| PPU FED 12-21D-12-15 | 21 | 120S | 150E 4300731414 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 8-20D-12-15 | 20 | 120S | 150E 4300731419 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 1A-20D-12-15 | 20 | 120S | 150E 4300731420 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 2-20D-12-15 | 20 | 120S | 150E 4300731421 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU ST 7A-16D-12-15 | 16 | 120S | 150E 4300731422 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 6-16D-12-15 | 16 | 120S | 150E 4300731423 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 10A-16D-12-15 | 16 | 120S | 150E 4300731424 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 3-16D-12-15 | 16 | 120S | 150E 4300731425 | 14794 State | GW | P | PRICKLY PEAR |
| PPU FED 1-34D-12-16 | 34 | 120S | 160E 4300731427 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 7-34D-12-16 | 34 | 120S | 160E 4300731428 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 5-35D-12-16 | 34 | 120S | 160E 4300731429 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 5-21D-12-15 | 21 | 120S | 150E 4300731451 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU ST 8-16D-12-15 | 16 | 120S | 150E 4300731455 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 12-16D-12-15 | 16 | 120S | 150E 4300731456 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 12A-16D-12-15 | 16 | 120S | 150E 4300731457 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 15A-16D-12-15 | 16 | 120S | 150E 4300731458 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 10-16D-12-15 | 16 | 120S | 150E 4300731459 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 11A-16D-12-15 | 16 | 120S | 150E 4300731460 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 13A-16D-12-15 | 16 | 120S | 150E 4300731461 | 14794 State | GW | P | PRICKLY PEAR |
| PPU FED 3-34D-12-16 | 34 | 120S | 160E 4300731466 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 5-34D-12-16 | 34 | 120S | 160E 4300731467 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 4-34D-12-16 | 34 | 120S | 160E 4300731468 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 10-7D-12-15 | 07 | 120S | 150E 4300731470 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 15-7D-12-15 | 07 | 120S | 150E 4300731471 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 9-7D-12-15 | 07 | 120S | 150E 4300731472 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 16-7D-12-15 | 07 | 120S | 150E 4300731473 | 14794 Federal | GW | P | PRICKLY PEAR |
| PPU FED 10-35D-12-16 | 35 | 120S | 160E 4300731474 | 2470 Federal | GW | P | PETERS POINT |
| PPU FED 9-35D-12-16 | 35 | 120S | 160E 4300731476 | 2470 Federal | GW | P | PETERS POINT |
| PPU ST 6A-16D-12-15 | 16 | 120S | 150E 4300731477 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 4-16D-12-15 | 16 | 120S | 150E 4300731478 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 4A-16D-12-15 | 16 | 120S | 150E 4300731479 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 5A-16D-12-15 | 16 | 120S | 150E 4300731480 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 3A-16D-12-15 | 16 | 120S | 150E 4300731481 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 16A-16D-12-15 | 16 | 120S | 150E 4300731484 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 9A-16D-12-15 | 16 | 120S | 150E 4300731485 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 16B-16D-12-15 | 16 | 120S | 150E 4300731514 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 14B-16D-12-15 | 16 | 120S | 150E 4300731515 | 14794 State | GW | P | PRICKLY PEAR |
| PPU ST 13B-16D-12-15 | 16 | 120S | 150E 4300731516 | 14794 State | GW | P | PRICKLY PEAR |
| PETERS POINT U FED 9-26D-12-16 | 25 | 120S | 160E 4300750021 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 11-25D-12-16 | 25 | 120S | 160E 4300750022 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 10-31D-12-17 | 31 | 120S | 170E 4300750023 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 11-31D-12-17 | 31 | 120S | 170E 4300750024 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 13A-31D-12-17 | 31 | 120S | 170E 4300750025 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 13-31D-12-17 | 31 | 120S | 170E 4300750026 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 14-31D-12-17 | 31 | 120S | 170E 4300750027 | 2470 Federal | ĞW | P | PETERS POINT |
| PETERS POINT U FED 14A-31D-12-17 | 31 | 120S | 170E 4300750028 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 12-25D-12-16 | 25 | 120S | 160E 4300750029 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 12-6D-13-17 | 31 | 120S | 170E 4300750033 | 2470 Federal | GW | P | PETERS POINT |
| | | | | | | | |

| PETERS POINT U FED 10-25D-12-16 | 25 | 120S | 160E 4300750035 | 2470 Federal | GW | P | PETERS POINT |
|----------------------------------|----|------|------------------------------------|---------------|----|---|----------------|
| PETERS POINT U FED 13-36D-12-16 | 36 | 120S | 160E 4300750037 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 15-36D-12-16 | 36 | 120S | 160E 4300750038 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 11-1D-13-16 | 36 | 120S | 160E 4300750039 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 12-1D-13-16 | 36 | 120S | 160E 4300750040 | 2470 Federal | GW | P | PETERS POINT |
| PRICKLY PEAR U FED 9-22D-12-15 | 22 | 120S | 150E 4300750041 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 10-22D-12-15 | 22 | 120S | 150E 4300750042 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 16-22D-12-15 | 22 | 120S | 150E 4300750043 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 2-27D-12-15 | 22 | 120S | 150E 4300750044 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 16-15D-12-15 | 15 | 120S | 150E 4300750045 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 15-15D-12-15 | 15 | 120S | 150E 4300750046 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 10-15D-12-15 | 15 | 120S | 150E 4300750047 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 9-15D-12-15 | 15 | 120S | 150E 4300750048 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 11A-15D-12-15 | 15 | 120S | 150E 4300750049 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 1-21D-12-15 | 21 | 120S | 150E 4300750050 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 2-21D-12-15 | 21 | 120S | 150E 4300750051 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 2A-21D-12-15 | 21 | 120S | 150E 4300750052 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 4A-22D-12-15 | 21 | 120S | 150E 4300750053 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 5A-22D-12-15 | 21 | 120S | 150E 4300750054 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 7A-21D-12-15 | 21 | 120S | 150E 4300750056 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 8-21D-12-15 | 21 | 120S | 150E 4300750057 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 8A-21D-12-15 | 21 | 120S | 150E 4300750057 | 14794 Federal | GW | P | PRICKLY PEAR |
| | 08 | 120S | 150E 4300750059 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 16-8D-12-15 | 08 | 120S | 150E 4300750060 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 15-8D-12-15 | 08 | 120S | 150E 4300750061 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 2-17D-12-15 | 08 | 120S | 150E 4300750061 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 1A-17D-12-15 | | 120S | 160E 4300750062 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 3A-34D-12-16 | 27 | 120S | 160E 4300750064 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 4A-34D-12-16 | 27 | 120S | 160E 4300750064 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 12-27D-12-16 | 27 | | | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 13-27D-12-16 | 27 | 120S | 160E 4300750066 160E 4300750067 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 13A-27D-12-16 | 27 | 120S | | 18204 Federal | GW | P | I LILKS I OHVI |
| PETERS POINT U FED 14-27D-12-16 | 27 | 120S | 160E 4300750068 | | | | PETERS POINT |
| PETERS POINT U FED 14A-27D-12-16 | 27 | 120S | 160E 4300750069 | 2470 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 1-22D-12-15 | 22 | 120S | 150E 4300750076 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 2-22D-12-15 | 22 | 120S | 150E 4300750077 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 8-22D-12-15 | 22 | 120S | 150E 4300750078 | 14794 Federal | GW | P | |
| PRICKLY PEAR U FED 3-17D-12-15 | 17 | 120S | 150E 4300750079 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 3A-17D-12-15 | 17 | 120S | 150E 4300750080 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 4-17D-12-15 | 17 | 120S | 150E 4300750081 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 4A-17D-12-15 | 17 | 120S | 150E 4300750082 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 5A-17D-12-15 | 17 | 120S | 150E 4300750083 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR Ú FED 6-17D-12-15 | 17 | 120S | 150E 4300750084 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 6A-17D-12-15 | 17 | 120S | 150E 4300750085 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 7A-17D-12-15 | 17 | 120S | 150E 4300750086 | 14794 Federal | GW | Р | PRICKLY PEAR |
| PRICKLY PEAR U FED 12A-17D-12-15 | 17 | 120S | 150E 4300750087 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 9-12D-12-14 | 12 | 120S | 140E 4300750088 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 10-12D-12-14 | 12 | 120S | 140E 4300750089 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 15-12D-12-14 | 12 | 120S | 140E 4300750090 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 16-12D-12-14 | 12 | 120S | 140E 4300750091 | 14794 Federal | GW | P | PRICKLY PEAR |

| PRICKLY PEAR U FED 3-20D-12-15 | 20 | 120S | 150E 4300750098 | 14794 Federal | GW | P | PRICKLY PEAR |
|--|----|------|-----------------|---------------|----|----|--------------|
| PRICKLY PEAR U FED 3A-20D-12-15 | 20 | 120S | 150E 4300750099 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 4-20D-12-15 | 20 | 120S | 150E 4300750100 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 4A-20D-12-15 | 20 | 120S | 150E 4300750101 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 5-20D-12-15 | 20 | 120S | 150E 4300750102 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 6-20D-12-15 | 20 | 120S | 150E 4300750104 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 6A-20D-12-15 | 20 | 120S | 150E 4300750105 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 11A-20D-12-15 | 20 | 120S | 150E 4300750106 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR U FED 12A-20D-12-15 | 20 | 120S | 150E 4300750107 | 14794 Federal | GW | P | PRICKLY PEAR |
| PETERS POINT U FED 5-31D-12-17 | 36 | 120S | 160E 4300750109 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 6-31D-12-17 | 36 | 120S | 160E 4300750116 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 9X-36D-12-16 | 36 | 120S | 160E 4300750117 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 1-36D-12-16 | 36 | 120S | 160E 4300750118 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 10-6D-13-17 | 06 | 130S | 170E 4300750119 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT U FED 15-31D-12-17 | 06 | 130S | 170E 4300750123 | 2470 Federal | GW | P | PETERS POINT |
| PRICKLY PEAR UF 7A-18D-12-15 | 17 | 120S | 150E 4300750136 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 8A-18D-12-15 | 17 | 120S | 150E 4300750137 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 9A-18D-12-15 | 17 | 120S | 150E 4300750138 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 12-20D-12-15 | 20 | 120S | 150E 4300750139 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 16A-8D-12-15 | 08 | 120S | 150E 4300750140 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 15A-8D-12-15 | 08 | 120S | 150E 4300750141 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 13A-9D-12-15 | 08 | 120S | 150E 4300750142 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 13-9D-12-15 | 08 | 120S | 150E 4300750143 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 12-9D-12-15 | 08 | 120S | 150E 4300750144 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 10-8D-12-15 | 08 | 120S | 150E 4300750145 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 9-8D-12-15 | 08 | 120S | 150E 4300750146 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 2A-17D-12-15 | 08 | 120S | 150E 4300750147 | 14794 Federal | GW | P | PRICKLY PEAR |
| PETERS POINT UF 12-5D-13-17 | 06 | 130S | 170E 4300750151 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT UF 13-5D-13-17 | 06 | 130S | 170E 4300750152 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT UF 13-30D-12-17 | 30 | 120S | 170E 4300750153 | 18347 Federal | GW | P | PETERS POINT |
| PETERS POINT UF 14-30D-12-17 | 30 | 120S | 170E 4300750154 | 18350 Federal | GW | P | PETERS POINT |
| PETERS POINT UF 12-30D-12-17 | 30 | 120S | 170E 4300750155 | 18346 Federal | GW | P | PETERS POINT |
| PETERS POINT UF 11-30D-12-17 | 30 | 120S | 170E 4300750156 | 18348 Federal | GW | P | PETERS POINT |
| PETERS POINT UF 3-31D-12-17 | 30 | 120S | 170E 4300750157 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT UF 2-31D-12-17 | 30 | 120S | 170E 4300750158 | 18349 Federal | GW | P | PETERS POINT |
| PETERS POINT UF 16-25D-12-16 | 30 | 120S | 170E 4300750159 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT UF 9-25D-12-16 | 30 | 120S | 170E 4300750160 | 2470 Federal | GW | P | PETERS POINT |
| PRICKLY PEAR UF 1A-22D-12-15 | 22 | 120S | 150E 4300750171 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 6A-22D-12-15 | 22 | 120S | 150E 4300750173 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 7A-22D-12-15 | 22 | 120S | 150E 4300750174 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 8A-22D-12-15 | 22 | 120S | 150E 4300750175 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 14B-15D-12-15 | 22 | 120S | 150E 4300750176 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 9-9D-12-15 | 09 | 120S | 150E 4300750195 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 16-9D-12-15 | 09 | 120S | 150E 4300750202 | 14794 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 8-14D-12-15 | 14 | 120S | 150E 4300750216 | 18289 Federal | GW | P | PRICKLY PEAR |
| PRICKLY PEAR UF 15-14D-12-15 | 14 | 120S | 150E 4300750221 | 18290 Federal | GW | P | PRICKLY PEAR |
| PETERS POINT UF 7X-36D-12-16 | 36 | 120S | 160E 4300750231 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT UF 8-36D-12-16 | 36 | 120S | 160E 4300750232 | 2470 Federal | GW | P | PETERS POINT |
| PETERS POINT ST 6-2D-13-16 | 02 | 130S | 160E 4300731017 | 14472 State | D | PA | |
| 1 E (E)(O) (O)(1) O) (O)(E) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O | J2 | 1505 | 2302 .200.2101 | — | | | |

| PTS 33-36 STATE | 36 | 110S | 140E 4301330486 | 6190 State | GW | PA | ARGYLE |
|------------------------------------|-----|------|-----------------|---------------|----|----|--------------|
| PRICKLY PEAR U FED 10-4 | 10 | 120S | 140E 4300730823 | 14462 Federal | GW | S | |
| PRICKLY PEAR U FASSELIN 5-19-12-15 | 19 | 120S | 150E 4300730860 | 14853 Fee | GW | S | |
| PRICKLY PEAR U ST 5-16 | 16 | 120S | 150E 4300730943 | 14794 State | GW | S | PRICKLY PEAR |
| PRICKLY PEAR U FED 7-33D-12-15 | 33 | 120S | 150E 4300730985 | 14771 Federal | GW | S | |
| PETERS POINT ST 8-2D-13-16 | 02 | 130S | 160E 4300731016 | 14471 State | GW | S | |
| PPU FED 4-35D-12-15 | 35 | 120S | 150E 4300731285 | 16223 Federal | GW | S | PRICKLY PEAR |
| PPU FED 5-36D-12-16 | 36 | 120S | 160E 4300731350 | 2470 Federal | GW | S | PETERS POINT |
| PRICKLY PEAR U FED 5A-20D-12-15 | 20 | 120S | 150E 4300750103 | 14794 Federal | GW | S | PRICKLY PEAR |
| PRICKLY PEAR U FED 13A-17D-12-15 | 20. | 120S | 150E 4300750108 | 14794 Federal | GW | S | PRICKLY PEAR |
| PRICKLY PEAR UF 2A-22D-12-15 | 22 | 120S | 150E 4300750172 | 14794 Federal | GW | S | PRICKLY PEAR |